

ADA074657

USAFETAC/DS-79/031

DATA PROCESSING BRANCH  
USAFETAC  
Air Weather Service ( MAC )

REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERVATIONS

FORT SILL OKLAHOMA/POST FLD  
N 34 39 W 098 24 ELEV 1187 FT

KFSI

WBAN# 13945  
WMO# 72355

POR FROM HOURLY OBS: APR 39-JUN 42, AUG 44-DEC 72  
POR FROM DAILY OBS: APR 39-JUN 42, AUG 44-DEC 72

JUN 23 1975

FEDERAL BUILDING  
ASHEVILLE, N. C.

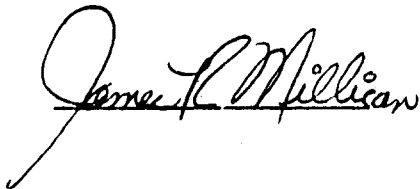
THIS DOCUMENT HAS BEEN APPROVED  
FOR PUBLIC RELEASE AND SALE; ITS  
DISTRIBUTION IS UNLIMITED.

79 09 11 178


Review and Approval Statement

This report is approved for public release. There is no objection to unlimited distribution of this report to the public at large, or by DDC to the National Technical Information Service (NTIS).

This technical report has been reviewed and is approved for publication.

  
James R. Milligan

FOR THE COMMANDER

  
WALTER S. BURGMANN  
Scientific & Technical  
Information Officer



DATA PROCESSING SHEET

PHOTOGRAPH THIS SHEET



AD A074657

DDC ACCESSION NUMBER

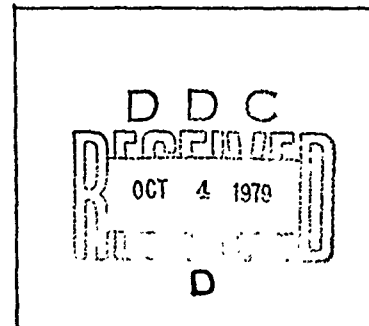
USAFETAC/DS-79/031  
DOCUMENT IDENTIFICATION

DISTRIBUTION STATEMENT A  
Approved for public release;  
Distribution Unlimited

DISTRIBUTION STATEMENT

Accession For	
NTIS GRA&I	<input checked="" type="checkbox"/>
DDC TAB	<input type="checkbox"/>
Unannounced	<input type="checkbox"/>
Justification	
By _____	
Distribution/	
Availability Codes	
Dist	Avail and/or special
A	23

DISTRIBUTION STAMP



DATE ACCESSIONED

DATE RECEIVED IN DDC

PHOTOGRAPH THIS SHEET

AND RETURN TO DDA-2

## **DISCLAIMER NOTICE**

**THIS DOCUMENT IS BEST QUALITY  
PRACTICABLE. THE COPY FURNISHED  
TO DTIC CONTAINED A SIGNIFICANT  
NUMBER OF PAGES WHICH DO NOT  
REPRODUCE LEGIBLY.**

/

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
1 REPORT NUMBER USAFETAC/DS-79/031 ✓	2 GOVT ACCESSION NO.	3 RECIPIENT'S CATALOG NUMBER															
4 TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)-Fort Sill, Lawton, Oklahoma		5 TYPE OF REPORT & PERIOD COVERED Final rept.															
7 AUTHOR(s)		6 PERFORMING ORG. REPORT NUMBER															
9 PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		8 CONTRACT OR GRANT NUMBER(s)															
11 CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		10 PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS															
12 MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		12 REPORT DATE 23 Jun 75															
		13 NUMBER OF PAGES p.															
		15 SECURITY CLASS. (of this report) UNCLASSIFIED															
		15a DECLASSIFICATION/DOWNGRADING SCHEDULE															
16 DISTRIBUTION STATEMENT (of this Report)  Approved for public release; distribution unlimited.																	
17 DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18 SUPPLEMENTARY NOTES																	
19 KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperature</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperature	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative humidity	*Climatological data	(over)
*RUSSWO	Daily temperature	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative humidity	*Climatological data	(over)															
20 ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Fort Sill, Lawton, Oklahoma It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)																	

DD FORM  
1 JAN 73 1473

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

19. Percentqge frequency of distribution tables  
Dry-bulb temperature versus wet-bulb temperature  
Cumulative percentage frequency of distribution tables

\* Oklahoma

\* Fort Sill, OK

20. and dew-point temperatures and relative humidity); and (F) Pressure  
Summary (means, standard, deviations, and observation counts of  
station pressure and sea-level pressure). Data in this report are  
presented in tabular form, in most cases in percentage frequency of  
occurrence or cumulative percentage frequency of occurrence tables.

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

THE EXTREME VALUES COULD CONTAIN SUSPECT OR QUESTIONABLE DATA. SUCH CASES USUALLY APPEAR IN THE TABULATIONS AS A PERCENTAGE FREQUENCY OF ".0", WHICH USUALLY INDICATES ONLY ONE OCCURRENCE. THESE MAY OR MAY NOT BE COMPLETELY VALID, BUT THE USER SHOULD NOT DISREGARD THEM ENTIRELY. OBVIOUS ERRORS OR IMPOSSIBLE CONDITIONS HAVE BEEN LINED THROUGH IN BLACK INK.

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

## REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

### HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

### DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

### DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

#### PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

#### PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

#### PART C SURFACE WINDS

#### PART D CEILING VERSUS VISIBILITY

SKYCOVER

#### PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV -  
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

#### PART F STATION PRESSURE

SEA LEVEL PRESSURE

### STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

### MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY \_\_\_\_\_

APRIL \_\_\_\_\_

JULY \_\_\_\_\_

OCTOBER \_\_\_\_\_

FEBRUARY \_\_\_\_\_

MAY \_\_\_\_\_

AUGUST \_\_\_\_\_

NOVEMBER \_\_\_\_\_

MARCH \_\_\_\_\_

JUNE \_\_\_\_\_

SEPTEMBER \_\_\_\_\_

DECEMBER \_\_\_\_\_

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO NUMBER
13945	FORT SILL OKLAHOMA/POST FLD	N 34 39	W 098 24	1197	KFSI	72355

## STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSI		OBS PER DAT
			FROM	TO			STATION (FT)	TYPE-BAROMETER	
1	Ft Sill Oklahoma Post Fld	AAF	Apr 39	Jun 42	N 34 39	W 098 23	1200	1203	24
2	Same	Same	Aug 44	Jun 50	Same	Same	Same	Same	24
3	Same	Same	Jul 50	Feb 53	Same	W 098 24	1184	1170	24
4	Same	Same	Mar 53	Feb 54	Same	Same	Same	1199	24
5	Same	Same	Mar 54	Feb 56	Same	Same	1180	1194	24
6	Same	Same	Mar 56	Feb 68	Same	Same	1197	Same	24
7	Same	Same	Mar 68	Dec 72	Same	Same	Same	1200	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Apr 39 to Jun 41	Located above Operations Office, Hangar # 1.	Anemometer	None	70 Ft	
2	Jul 41 to Jun 42	Same	Selsyn	ML-144	Same	
3	Aug 44 to May 48	Located above Operations Office in main Hangar.	Same	Same	58 Ft	
4	Jun 48 to Feb 54	Located on top of Aircraft Bldg.	Same	Same	70. Ft	
5	Mar 54 to Mar 55	Located on top of Hangar #1.	Same	Same	39 Ft	
6	Apr 55 to Feb 57	Located on roof of Hangar.	Same	Same	50 Ft	

USAFETAC FORM 0-19 (OL A)

CONTINUED ON REVERSE SIDE

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
7	Mar 57 to Feb 58	Same	Same	Same	60 Ft	
8	Mar 58 to May 60	Same	Same	Same	80 Ft	
9	Jun 60 to Feb 68	Located 150 ft W of center of the Rnwy 17/35	AN/GMQ-11	RO-2	12 Ft	
10	Mar 68 to Feb 71	Located 525 ft W of Rnwy 17/35.	Same	Same	13 Ft	
11	Mar 71 to Dec 72	Located 600 ft W of centerline of Rnwy 17/35, 1745 ft SW of the ROS.	AN/GMQ-20	RO-362	Same	



U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/ETAC

## WEATHER CONDITIONS

13945  
STATION

POST SILL KLANOMA/POST FLD  
STATION NAME

39-42,44-72  
YEARS

ALL  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.1	4.2	1.2	2.4		7.6	10.9	.9	.2	.4	12.2	22920
FEB		.3	6.5	.8	2.3	.0	9.4	10.6	.8	.3	1.3	12.8	20876
MAR		.7	4.9	.2	1.1	.0	6.1	5.6	.9	.1	2.0	8.5	22939
APR		1.6	5.7	.0		.0	5.7	4.2	.4		1.3	5.7	22727
MAY		3.6	6.2			.0	6.2	3.0	.4		.1	3.5	23695
JUN		2.9	3.7			.0	3.7	.9	.5		.1	1.4	22636
JUL		2.2	3.1			.0	3.1	.6	.3		.0	.9	22452
AUG		2.1	2.9			.0	2.9	.9	.4		.0	1.2	23595
SEP		1.5	4.5			.0	4.5	3.1	.4		.1	3.5	22968
OCT		1.0	5.3		.0		5.3	4.3	.6		.2	5.0	23025
NOV		.4	5.1	.0	.4	.0	5.5	6.3	.7	.0	.2	7.0	22954
DEC		.1	5.0	.8	1.3	.0	7.0	9.8	1.2	.2	.4	11.3	23695
TOTALS		1.4	4.8	.3	.6	.0	5.6	5.0	.6	.1	.5	6.1	274482

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAG

## WEATHER CONDITIONS

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

40-42,45-72  
YEARS

JAN  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02	.1	4.3	.8	2.2		7.4	10.3	.5	.2	.3	11.2	2862
	03-05	.1	5.1	1.3	2.4		8.7	13.4	.4	.2	.0	14.0	2862
	06-08	.0	5.0	1.4	3.1		9.5	16.5	1.6	.4	.1	18.3	2870
	09-11	.0	4.3	1.5	3.7		8.9	15.3	1.3	.5	.3	17.0	2864
	12-14	.0	3.7	1.2	2.1		6.7	8.5	1.0	.2	.7	10.3	2865
	15-17	.1	4.1	.7	1.8		6.4	6.6	1.0	.1	.8	8.2	2869
	18-20	.2	4.1	.8	1.7		6.6	7.4	1.3	.2	.6	9.0	2865
	21-23	.1	3.1	1.3	2.1		6.3	8.8	.3	.1	.3	9.5	2863
TOTALS		.1	4.2	1.2	2.4		7.6	10.9	.9	.2	.4	12.2	22920

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/4AC

## WEATHER CONDITIONS

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

40-42,45-72  
YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02	.3	6.7	1.0	2.1		9.6	9.7	.7	.0	1.1	11.5	2612
	03-05	.6	7.4	1.1	2.4		10.8	12.4	.6	.1	.9	13.8	2615
	06-08	.2	7.3	1.0	3.1		11.2	15.8	1.3	.3	.8	17.4	2611
	09-11	.2	6.5	.5	3.0		9.9	14.1	1.0	.4	1.1	16.5	2610
	12-14	.1	6.2	.5	2.3		9.0	8.7	.6	.6	1.3	11.1	2610
	15-17	.2	5.5	.3	2.0	.0	7.7	7.5	.6	.5	1.9	10.3	2606
	18-20	.5	6.0	.6	1.7		8.2	7.9	.8	.2	1.9	10.6	2605
	21-23	.2	6.3	1.1	1.8		9.0	8.6	.6	.0	1.5	10.7	2605
TOTALS		.3	6.5	.8	2.3	.0	9.4	10.6	.8	.3	1.3	12.8	20876

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/4AC

## WEATHER CONDITIONS

13945  
STATION

FORT SILL OKLAHOMA/POST FLD.  
STATION NAME

40-42,45-72  
YEARS

JAN  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02	.9	5.4	.3	.8		6.4	4.9	.5	.0	1.4	6.7	2865
	03-05	.6	4.6	.3	1.0		5.8	6.2	.4	.0	1.1	7.5	2872
	06-08	.6	5.5	.4	.9		6.8	9.9	1.4	.0	1.4	12.1	2858
	09-11	.3	5.7	.2	1.4		7.2	8.0	1.5	.2	1.6	11.2	2872
	12-14	.4	4.7	.1	1.8		6.4	4.7	1.2	.3	2.0	8.0	2869
	15-17	.5	4.0		1.1		5.1	3.3	.8	.2	2.5	6.7	2870
	18-20	.8	4.1	.1	.9		5.1	4.2	.8	.2	3.2	8.5	2863
	21-23	1.1	4.9	.2	.8	.1	5.7	3.9	.7	.1	2.4	7.0	2870
TOTALS		.7	4.9	.2	1.1	.0	6.1	5.6	.9	.1	2.0	8.5	22939



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/PAO

## WEATHER CONDITIONS

13945  
STATION

F. PT SILL KLANGMA/POST FLD  
STATION NAME

39-42,45-72  
YEARS

APR  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS. WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-07	1.7	5.7				5.7	4.1	.2		.8	5.0	2822
	08-05	1.9	6.3				6.3	6.3	.5		.5	7.1	2625
	06-09	1.2	6.4	.0			6.4	9.5	1.0		.9	11.1	2365
	09-11	.8	5.7				5.7	4.8	.4		1.5	6.6	2861
	12-14	.7	5.1	.0			5.2	2.0	.2		1.6	3.8	2862
	15-17	1.3	5.4			.0	5.4	2.0	.2		1.7	3.9	2863
	18-20	2.7	5.9			.1	5.9	2.3	.2		1.9	4.4	2814
	21-23	2.6	4.8				4.8	2.2	.2		1.5	3.9	2815
TOTALS		1.6	5.7	.0		.0	5.7	4.2	.4		1.3	5.7	22727

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/ IAC

## WEATHER CONDITIONS

13945  
STATION

F. RT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42,45-72  
YEARS

MAY  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	5.5	7.9				7.9	2.0	.1		.0	2.2	2963
	03-05	3.2	6.3				6.8	4.7	.4		.1	5.1	2969
	06-08	2.1	6.6				6.6	7.7	.6		.2	8.4	2959
	09-11	1.7	6.3				6.3	3.6	.6		.0	4.2	2959
	12-14	1.6	5.2				5.2	1.5	.5		.2	2.3	2963
	15-17	3.3	4.6			.0	4.6	1.1	.3		.2	1.5	2959
	18-20	5.1	5.4			.1	5.4	1.6	.3		.3	2.2	2967
	21-23	6.0	7.1			.2	7.1	1.4	.2		.1	1.7	2956
TOTALS		3.6	6.2			.0	6.2	3.0	.4		.1	3.5	23695



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/IAC

## WEATHER CONDITIONS

13945 FORT SILL OKLAHOMA/POST FLD 39-42,45-72 JUN  
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	4.9	5.2				5.2	.7	.3		.2	1.2	2831
	03-05	3.9	5.1			.0	5.1	1.9	.5		.2	2.5	2829
	06-08	2.3	4.6				4.6	3.2	1.7		.1	4.7	2824
	09-11	1.1	3.8				3.8	.7	.5			1.2	2826
	12-14	1.4	2.9				2.9	.1	.3			.5	2827
	15-17	1.8	1.9			.0	1.9	.2	.2			.4	2832
	18-20	2.9	2.4			.0	2.4	.3	.2		.1	.6	2835
	21-23	4.2	3.8			.0	3.8		.2		.1	.3	2832
TOTALS		2.8	3.7			.0	3.7	.9	.5		.1	1.4	22636

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

## WEATHER CONDITIONS

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,45-72  
YEARS

JUL  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	2.4	3.0			.0	3.0	.4	.1		.0	.5	2735
	03-05	2.6	3.7				3.7	1.4	.4		.1	1.8	2791
	06-08	2.0	4.5				4.5	2.2	1.0			3.0	2817
	09-11	1.2	3.5				3.5	.6	.3			.8	2826
	12-14	1.5	2.4				2.4	.1	.1			.2	2832
	15-17	2.9	2.5				2.5	.0	.2		.0	.2	2834
	18-20	2.7	2.5				2.5	.1	.2		.0	.3	2819
	21-23	2.5	3.0				3.0	.0			.0	.1	2798
TOTALS		2.2	3.1			.0	3.1	.6	.3		.0	.9	22452

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

AUG  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	2.6	3.2				3.2	.3	.1			.5	2875
	03-05	2.9	3.7				3.7	1.3	.3			1.6	2935
	06-08	1.7	3.8				3.8	3.2	1.6			4.2	2968
	09-11	.5	2.8				2.8	1.4	.7		.1	2.2	2971
	12-14	1.3	2.2				2.2	.3	.1		.1	.5	2965
	15-17	2.4	2.9				2.9	.1	.0		.1	.2	2970
	18-20	2.4	2.2			.0	2.2	.1	.1		.0	.2	2971
	21-23	3.0	2.4				2.4	.2	.0			.2	2940
TOTALS		2.1	2.9			.0	2.9	.9	.4		.0	1.2	23595

DATA PROCESSING  
USAF ETAC  
AIR DATA CENTER

## WEATHER CONDITIONS

13945  
STATION

FORT SILL OKLAHOMA/POST FL  
STATION NAME

39-41,44-72  
YEARS

SEP  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	1.5	4.9				4.9	1.9	.2			2.1	2867
	03-05	2.2	5.5				5.5	4.7	.5		.1	3.0	2867
	06-08	1.5	5.7				3.7	8.8	1.3		.1	9.8	2878
	09-11	.9	4.5				4.5	4.1	.8			4.8	2870
	12-14	.8	3.4				3.4	1.4	.1			1.5	2875
	15-17	1.4	4.0				4.0	1.1			.3	1.4	2878
	18-20	1.7	4.0			.0	4.0	1.6	.1		.3	2.0	2865
	21-23	1.8	4.1				4.1	1.5	.1		.1	1.7	2868
TOTALS		1.5	4.5			.0	4.5	3.1	.4		.1	3.5	22968

DATA P.L. CASH  
USAF ETAC  
AIR WEATHER SERVICE

## WEATHER CONDITIONS

13945 STATION FORT JILL ALM JMA/POST FLI 30-41,44-72 YEARS CT MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	1.2	5.3				5.3	3.8	.2		.1	4.1	2880
	03-05	1.4	6.3				6.3	6.8	.3		.0	7.2	2881
	06-08	.8	6.3		.7		6.3	9.7	1.6		.0	10.8	2877
	09-11	.5	5.5				5.5	4.8	1.3		.1	6.1	2879
	12-14	.3	4.7				4.7	2.3	.3		.5	3.1	2872
	15-17	.8	4.9				4.9	2.3	.1		.5	2.9	
	18-20	1.0	4.5				4.5	2.1	.4		.2	2.7	2878
	21-23	1.6	4.7				4.7	2.6	.2		.0	2.8	2881
TOTALS		1.0	5.3		.0		5.3	4.3	.6		.2	5.0	23025



DATA PROCESSING CENTER  
USAF ETAC  
AIR WEATHER SERVICE/AL

## WEATHER CONDITIONS

12945  
STATION

PORT JILL KENNEL/PORT FLA  
STATION NAME

39-41,44-72  
YEARS

OCT  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-01	1.2	5.3				5.3	3.8	.2		.1	4.1	2880
	03-05	1.4	6.3				6.3	6.3	.3		.0	7.2	2881
	06-08	.8	6.3		.0		6.3	9.7	1.6		.0	10.8	2877
	09-11	.5	5.5				5.5	4.8	1.3		.1	6.1	2879
	12-14	.3	4.7				4.7	2.3	.3		.5	3.1	2872
	15-17	.8	4.9				4.9	2.3	.1		.5	2.9	2877
	18-20	1.0	4.5				4.5	2.1	.4		.2	2.7	2878
	21-23	1.6	4.7				4.7	2.6	.2		.0	2.8	2881
TOTALS		1.0	5.3		.0		5.3	4.3	.6		.2	5.0	23025

DATA PROCESSING OF  
USAF ETAC  
AIR ENTER SERVICE/AC

# WEATHER CONDITIONS

13945  
STATION

F 11 SILL KLAHLA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

CV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
01	00-02	.5	5.0	.1	.6		5.5	5.4	.3		.0	5.6	2870
	03-05	.4	5.6		.3	.0	6.0	7.1	.1		.1	7.3	2872
	06-08	.4	6.0		.2		6.2	11.7	1.0		.0	12.2	2871
	09-11	.3	5.5	.0	.2		5.7	8.5	1.3		.5	9.9	2872
	12-14	.2	4.7	.0	.4	.0	5.0	4.7	.6		.6	5.5	2868
	15-17	.3	4.2	.0	.4		4.6	4.0	.7	.7	.3	5.1	2869
	18-20	.4	5.0		.4		5.3	4.1	.9		.3	5.2	2864
	21-23	.5	4.6	.1	.6		5.3	4.6	.6		.1	5.3	2868
TOTALS		.4	5.1	.0	.4	.0	5.5	6.3	.7	.0	.2	7.0	22954

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

## WEATHER CONDITIONS

12945  
STATION

F RT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

DEC  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02	.1	4.9	.9	1.4		7.0	9.5	.9	.2	.3	10.2	2962
	03-05	.1	5.4	.9	1.6		7.8	11.8	.9	.2	.4	13.1	2961
	06-08	.1	5.6	1.7	1.5		7.9	14.5	1.9	.1	.4	16.2	2965
	09-11		5.1	.8	1.3		7.1	13.0	1.9	.1	.3	14.7	2965
	12-14	.0	5.4	.6	1.2		7.0	8.1	.7	.2	.4	9.3	2963
	15-17	.1	4.6	.8	1.1	.0	6.4	6.6	1.4	.2	.5	8.4	2971
	18-20	.2	4.4	.7	1.2		6.2	6.7	1.2	.1	.4	8.3	2954
	21-23	.0	4.9	.8	1.2		6.7	8.2	.9	.1	.5	9.7	2954
TOTALS		.1	5.0	.8	1.3	.0	7.0	9.8	1.2	.2	.4	11.3	23693



## PART A

## ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WMAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than  $\frac{5}{8}$  mile.

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXXX  
WEATHER CONDITIONS  
XXXXXXXXXXXXXXXXXXXXX  
ATMOSPHERIC PHENOMENA

13945 FORT SILL OKLAHOMA/POST FLD 46-72 ALL  
STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	1.3	22.7	5.4	11.8	.1	27.7	30.1	4.1	2.0	.7	33.2	837
FEB		4.5	27.3	4.9	11.3	1.0	31.2	28.2	2.9	2.1	1.7	31.6	762
MAR		7.8	25.8	1.6	5.0	1.2	26.4	22.2	3.1	1.0	1.3	24.6	837
APR		16.2	33.1	.1		2.5	31.6	19.3	2.1		.9	20.6	810
MAY		30.2	42.9			3.9	42.1	19.4	2.7		.7	21.0	837
JUN		23.3	31.5			1.6	30.2	7.7	3.6		.1	10.1	810
JUL		20.9	29.3			.4	27.6	6.5	2.3		.1	7.6	837
AUG		19.7	28.9			.5	27.0	6.1	2.5			7.3	836
SEP		13.1	29.3			.5	27.3	16.5	2.8		.4	17.8	810
OCT		9.4	25.4			.2	24.7	17.6	2.2			18.5	837
NOV		4.4	19.5	.5	3.2	.6	20.5	19.8	2.5	.2	.2	21.3	809
DEC		1.7	23.8	3.9	8.6	.1	25.3	27.8	2.3	1.1	.1	29.2	837
TOTALS		12.7	28.3	1.4	3.3	1.0	28.5	18.4	2.8	.5	.5	20.2	9859

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (\*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (\*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (\*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 47	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
PRECIPITATION  
(FROM DAILY OBSERVATIONS)

13945 FORT SILL OKLAHOMA/POST FLD  
STATION STATION NAME

39-42, 44-72

YEARS

PRECIP	NONE	TRACE	AMOUNTS (INCHES)											PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
			01	02-03	04-10	11-23	24-30	31-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01.0-4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	70.6	15.3	1.8	3.2	2.0	3.3	2.3	1.0	.5					14.2	961	1.04	4.02	.04
FEB	66.2	14.2	2.1	4.8	2.3	4.7	2.5	2.5	.8					19.6	876	1.36	2.90	.01
MAR	71.6	12.1	2.0	2.9	1.9	2.5	3.0	2.2	1.2					14.3	961	1.68	6.82	TRACE
APR	64.4	13.6	1.8	4.6	1.3	4.7	3.5	3.9	2.0	.3				22.0	959	2.65	6.57	.31
MAY	57.1	12.0	2.6	4.7	2.9	5.9	4.5	5.1	4.3	.5	.2			30.9	992	5.16	11.55	.62
JUN	67.0	10.1	1.7	4.0	2.2	3.7	2.6	4.3	3.7	.6				22.9	948	3.62	10.88	.00
JUL	70.7	10.3	1.2	2.4	3.1	3.3	3.5	2.8	2.1	.5				19.0	961	2.70	7.37	.11
AUG	70.8	10.6	1.4	3.3	1.9	3.9	2.6	3.9	1.6					18.6	976	2.17	6.63	.02
SEP	71.0	9.6	1.4	3.2	1.8	3.5	3.4	2.8	2.5	.7				19.4	960	2.99	8.75	TRACE
OCT	73.1	8.8	1.2	3.1	1.5	3.3	2.6	2.9	2.7	.6	.1			18.1	992	3.28	11.55	.01
NOV	77.7	7.9	1.3	2.7	1.8	2.7	1.9	2.6	1.4	.1				14.4	960	1.64	5.28	.00
DEC	73.0	12.4	1.4	3.9	1.7	3.3	2.0	1.4	.8					14.6	992	1.24	3.29	TRACE
ANNUAL	69.4	11.4	1.7	3.6	2.0	3.7	2.9	2.9	2.0	.3	.0			19.2	11538	29.53		

DATA PROCESSING BRANCH  
USAF/ETAC/DL A  
AIR WEATHER SERVICE/MAC

## EXTREME VALUES

### PRECIPITATION

1997年12月12日

13045 FLRT SILL OKLAHOMA/POST FLD

39-42, 44-72

75483

## 24 HOUR AMOUNTS IN INCHES

[illegible]

NOTE \* (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLI)

DATA PROCESSING BRANCH  
USAF/ETAC/DL A  
AIR WEATHER SERVICE/MAC

## EXTREME VALUES

### PRECIPITATION

(FROM DAILY OBSERVATIONS)

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

**39-42, 44-72**

**YEARS**

## 24 HOUR AMOUNTS IN INCHES

[illegible]

NOTE \* (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLI)



DATA PROCESSING BRANCH  
USAF/ETAC/OL A  
AIR WEATHER SERVICE/MAC

**EXTREME VALUES**  
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

13945  
STATION

FURT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42, 44-72  
YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
39				* .35	1.39*	.00	1.49	2.37	TRACE	1.16	.60	.58	
40	.43	1.48	TRACE	3.78	3.71	3.04	5.31	1.95	1.85	2.25	5.10	1.29	30.19
41	2.62	2.50	.34	4.24	6.58	7.17	1.66	.93	5.41	8.03	.97	1.12	41.57
42	.14	.90	.98	4.79	1.16	4.51							
44								.63	1.91	4.46	1.44	1.63	
45	2.69	2.71	3.41	3.88	1.17	7.24	4.59	2.28	8.75	1.32	.82	.05	38.91
46	2.04	1.75	1.38	1.44	7.82	3.50	.39	3.81	3.70	.70	4.19	3.29	34.01
47	.53	.01	1.75	6.45	7.28	1.19	.49*	.20	2.52	4.24	1.54	2.31	*28.51
48	.18	3.90	2.71	2.22	2.50	3.38	2.39	1.14	.14	.43	.79	.19	19.97
49	4.02	.70	1.61	2.88	5.33	3.10	.11	1.77	3.73	4.02	.00	.89	28.16
50	1.10	2.71	.05	1.86	8.45	5.60	2.50	4.18	1.88	.03	TRACE	TRACE	28.36
51	.31	.89	1.25	2.57	10.84	9.49	3.47	1.27	.87	2.89	.56	TRACE	34.41
52	.54	.98	1.49	2.73	9.47	2.39	5.93	.02	.10	.01	2.51	1.46	27.63
53	.38	1.74	6.82	1.34	2.66	6.31	3.89	4.29	.27	11.55	2.73	2.25	44.23
54	.33	.37	.45	2.91	8.91	1.60	.47	1.55	.26	2.52	.24	1.28	20.89
55	1.48	1.68	2.19	.36	10.21	4.00	1.29	2.39	6.06	5.27	TRACE	.02	34.95
56	.58	.77	.29	.48	4.13	.57	2.91	1.23	TRACE	4.78	.78	2.24	18.76
57	1.06	.86	2.94	6.57	11.55	3.44	1.69	.38	3.25	4.25	3.01	.65	39.65
58	2.57	.70	3.22	2.47	3.23	3.23	5.32	1.20	1.52	.10	.70	.77	25.04
59	.90	.49	.32	2.91	6.77	2.72	7.37	2.06	2.78	7.46	2.60	3.02	39.40
60	1.30	2.31	1.35	.37	4.74	1.98	4.73	2.47	1.47	8.61	.24	3.17	32.74
61	.19	1.67	3.90	.31	2.84	5.14	1.94	1.41	8.32	2.28	4.85	1.95	34.80
62	.33	1.32	.86	4.43	6.67	10.88	4.82	.11	3.75	4.86	1.30	2.56	41.89
63	.12	.30	2.93	2.73	1.69	2.46	.99	.65	2.14	.10	2.85	.32	17.31
64	1.75	2.34	.98	.84	4.59	2.06	1.43	4.70	5.21	1.00	5.28	.77	30.95
65	1.02	.81	.78	1.62	4.35	2.82	.49	3.92	2.26	2.47	TRACE	1.16	21.73
66	1.09	.81	.48	4.90	.62	4.02	.63	5.18	4.09	.58	.56	1.03	23.99
67	.28	.13	.97	5.07	3.91	1.75	4.85	1.16	3.49	3.28	.47	.60	25.96
68	3.21	1.73	.92	1.42	6.67	3.18	3.38	.93	4.07	1.84	4.40	1.00	32.75
69	.84	2.67	2.78	1.06	5.82	2.10	.54	4.71	4.58	2.28	.25	1.07	28.70
MEAN													
S. D.													
TOTAL OBS.													

NOTE \* (BASED ON < FULL MONTHS)



XXXXXXXXXXXXXXXXXXXX  
 EXTREME VALUES  
 XXXXXXXXXXXXXXXXXXXX  
 MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

13945  
STATION

STATION NAME  
FORT SILL OKLAHOMA/POST FLD

39-42, 44-72

YEARS

[illegible]

NOTE \* (BASED ON < FULL MONTHS)

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
SNOWFALL  
(FROM DAILY OBSERVATIONS)

13945 FORT SILL OKLAHOMA/POST FLD

39-42, 44-72

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.03	.06-10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-30.4	OVER 30.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	87.7	8.2	1.2	1.2	.7	.5	.4	.1						4.1	837	1.9	8.7	.0
FEB	88.6	6.7	.8	2.2	.8	.5	.3	.1						4.7	763	2.0	10.4	.0
MAR	94.9	3.5	.6	.2	.1	.4	.2		.1					1.7	837	1.2	9.8	.0
APR	100.0														810	.0	.0	.0
MAY	100.0														837	.0	.0	.0
JUN	100.0														810	.0	.0	.0
JUL	100.0														837	.0	.0	.0
AUG	100.0														837	.0	.0	.0
SEP	100.0														810	.0	.0	.0
OCT	100.0														837	.0	.0	.0
NOV	96.4	2.6	.4	.5	.1									1.0	810	.2	2.2	.0
DEC	91.4	6.2	.5	.7	.4	.8								2.4	835	1.2	9.2	.0
ANNUAL	96.6	2.3	.3	.4	.2	.2	.1	.0	.0					1.2	9860	6.5		

DATA PROCESSING BRANCH  
USAF/ETAC/OL A  
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

## SNOWFALL

(FROM DAILY OBSERVATIONS)

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42, 44-72

YEARS

### 24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
39													
40													
41													
42													
44													
45													
46	1.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	2.5
47	3.2	TRACE	.3	.0	.0	.0	.0	.0	.0	.0	.0	.8	3.2
48	1.3	2.5	3.9	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.9
49	3.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4
50	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
51	TRACE	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.9
52	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
53	3.8	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	3.8
54	2.0	TRACE	.5	.0	.0	.0	.0	.0	.0	.0	.0	3.0	3.0
55	2.5	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.5
56	TRACE	4.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	4.0
57	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.0	1.4
58	.4	3.0	9.8	.0	.0	.0	.0	.0	.0	.0	1.1	3.3	9.8
59	2.0	1.3	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.0
60	5.7	2.4	1.7	.0	.0	.0	.0	.0	.0	.0	.0	2.0	5.7
61	2.5	2.3	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.7	3.3
62	2.0	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.2	3.2
63	.1	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.4
64	TRACE	TRACE	3.3	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.3
65	.6	TRACE	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
66	4.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	*TRACE	4.0
67	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0	1.0
68	TRACE	5.0	4.3	.0	.0	.0	.0	.0	.0	.0	TRACE	.1	5.0
69	.0	1.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	2.7	2.7
MEAN													
S. D.													
TOTAL OBS.													

NOTE \* (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLI)

DATA PROCESSING BRANCH  
USAF/ETAC/OL A  
AIR WEATHER SERVICE/MAC

**EXTREME VALUES**  
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42, 44-72  
YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
39													
40													
41													
42													
44													
45													
46	1.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	5.4
47	5.3	TRACE	.5	.0	.0	.0	.0	.0	.0	.0	.0	.8	* 6.6
48	2.2	2.7	6.4	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	11.3
49	8.7	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.7
50	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
51	TRACE	5.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	TRACE	6.1
52	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
53	3.8	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	3.8
54	3.1	TRACE	.5	.0	.0	.0	.0	.0	.0	.0	.0	3.0	6.6
55	4.5	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	4.5
56	TRACE	5.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	5.4
57	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.0	1.4
58	.4	4.2	9.8	.0	.0	.0	.0	.0	.0	.0	1.1	9.2	24.7
59	2.0	3.5	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	5.5
60	7.1	3.9	1.7	.0	.0	.0	.0	.0	.0	.0	.0	4.8	17.5
61	2.8	5.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.7	8.5
62	2.1	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.2	7.3
63	.2	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.6
64	TRACE	TRACE	3.2	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.2
65	.4	TRACE	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
66	8.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	*TRACE	8.8
67	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0	1.0
68	TRACE	10.4	7.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.1	17.5
69	.0	1.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	6.5	7.9
MEAN													
S. D.													
TOTAL OBS.													

NOTE \* (BASED ON < FULL MONTHS)

## EXTREME VALUES

(FROM DAILY OBSERVATIONS)

39-42, 44-72

**YEARS**

[illegible]

NOTE \* (BASED ON < FULL MONTHS)

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
SNOW DEPTH  
(FROM DAILY OBSERVATIONS)

13945 FORT SILL OKLAHOMA/POST FLD

39-42, 44-72

STATION

STATION NAME

YEARS

PRECIP.	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	87.9	4.7	2.8	1.0	1.7	1.9								7.4	961			
FEB	90.4	4.5	1.9	1.4	.9	.9								5.1	876			
MAR	97.2	1.2	.7	.2	.2	.4								1.6	961			
APR	100.0														960			
MAY	100.0														992			
JUN	100.0														960			
JUL	100.0														961			
AUG	100.0														992			
SEP	100.0														960			
OCT	99.9	.1													992			
NOV	99.3	.4	.2	.1										.3	960			
DEC	95.1	2.9	.5	.7	.3	.5								2.0	992			
ANNUAL	97.5	1.1	.5	.3	.3	.3								1.4	11567			

DATA PROCESSING BRANCH  
USAF/ETAC/DL A  
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42, 44-72  
YEARS

## DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
39				0	0	0	0	0	0	0	0	TRACE	
40		4 TRACE	0	0	0	0	0	0	0	0	TRACE	0	4
41	TRACE	TRACE	0	0	0	0	0	0	0	TRACE	0	2	2
42		1 TRACE	1	0	0	0							
44													
45	TRACE	5	1	0	0	0	0	0	0	0	0	TRACE	5
46		1	3	0	0	0	0	0	0	0	0	0	3
47		4	0 TRACE	0	0	0	0	0	0	0	0	0	4
48		2	3	4	0	0	0	0	0	0	TRACE	0	4
49		6	5	0	0	0	0	0	0	0	0	0	6
50		0	0	0	0	0	0	0	0	0	0	TRACE	TRACE
51	TRACE	4	0	0	0	0	0	0	0	0	0	0	4
52		0 TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
53		4 TRACE	0	0	0	0	0	0	0	0	0	TRACE	4
54		1	0	1	0	0	0	0	0	0	0	0	1
55		5	0 TRACE	0	0	0	0	0	0	0	0	TRACE	5
56		0	3	0	0	0	0	0	0	0	0	0	3
57		0	0	0	0	0	0	0	0	0	0	0	0
58	TRACE	3	5	0	0	0	0	0	0	0	0	1	5
59		4	2	0	0	0	0	0	0	0	0	0	4
60		4	2	1	0	0	0	0	0	0	0	0	4
61		3	4 TRACE	0	0	0	0	0	0	0	0	TRACE	4
62		2	2	1	0	0	0	0	0	0	0	TRACE	2
63	TRACE	2	0	0	0	0	0	0	0	0	0	TRACE	2
64		0	0	0	0	0	0	0	0	0	0	0	0
65		1	0	0	0	0	0	0	0	0	0	0	1
66		5	1	0	0	0	0	0	0	0	0	0	5
67		0	0	0	0	0	0	0	0	0	0	1	1
68		0	5	4	0	0	0	0	0	0	0	1	5
69		0	1	2	0	0	0	0	0	0	0	2	2
MEAN													
S. D.													
TOTAL OBS.													

NOTE \* (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLI)



USAF ETAC FORM 0-88-5 (OLI)

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (\*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

DATA PROCESSING BRANCH  
USAF/ETAC/DL A  
AIR WEATHER SERVICE/MAC

## EXTREME VALUES

### SURFACE WINDS

(FROM DAILY OBSERVATIONS)

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

44-45, 52-72  
YEARS

### DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	D.C.	ALL MONTHS
44													
45													
52													
53					S *44SW	47NE	33W	48NE	42NE	40S	54NW	53	
54	N	52NW	52SSW	54SSE	65NW	75SSE	55N	58SSE	43SE	44S	69SSW	41N	49 NW 75
55	N	53N	61N	63SSE	55NW	57SE	61S	42WSW	60ENE	42NNE	45NNE	58W	45 N 63
56	NNE	38NW	61NNE	56W	51SW	46N	40NW	48SE	40SSW	40S	41N	46NW	38 NW 61
57	N	38NE	44NW	41SE	48WSW	55N	43S	27SSW	47SSW	74W	50NNW	51NNE*46	SSW 74
58	N	*38SSW*37NNE	37NNW	57SSW	46ENE	52WSW	53ENE	32NE	44SSW	40NNE	43NE	38	NNW 57
59	NNW	42WSW	55N	62NNW	49W	*63SSW*43NNE	47NNE	45SE	31N	40NNW	44NNW	30	W *63
60	WSW	44SW	43WNW	42WNW	53SSE	43WNW	50N	40W	32SW	43N	43NNW*48		WNW 53
61	N	48NNE	35WNW	46NNW	46NNE	49N	44ESE	34N	45N	43SSE	36NNW	38N	42 NNE 49
62	N	43N	43SW	40S	36W	64W	48SSE	40W	25NNE	32NNE	34NNW	35N	*41 W 64
63	N	41NNE	41N	36SSE	35SE	39N	45N	35N	*37N	*37N	37N	*43NNW*43	N 45
64	NNW*41	NNW*42	NNW*38	NNW*60	SSW*57S	*35ESE*42N	39NNE	38S	*39N	37N	35	NNW*60	
65	N	*41N	52N	36NNW	37S	47SSW	57N	34W	*54N	37NNE	34W	48NW	*35 SSW 57
66	N	*33S	*37NW	53SSE	44N	41W	70ESE	27NW	49N	48NNW	38N	39N	40 W 70
67	WSW	44N	43N	44W	64N	42SW	42WNW	39N	30ENE	33NNE*37S	*26NW	38	W 64
68	N	40N	46N	45N	44WSW	56N	7036/	3936/	3027/	4818/	3734/	3923/	46 N 70
69	36/	4524/	4033/	4018/	3920/	42 1/	3217/	2729/	4031/	4234/	3235/	3431/	39 36/ 45
70	36/	3736/	3735/	4219/	4417/	2918/	3918/	2919/	3034/	3132/	3135/	3935/	36 19/ 44
71	34/	3633/	3836/	40 2/	4636/	4233/	3235/	2921/	26 1/	3328/	28 1/	3136/	35 2/ 46
72	36/	3636/	3635/	3636/	4233/	3033/	29 7/	35 1/	3736/	3236/	3231/	3836/	44 36/ 44
MEAN	41.6	44.4	44.8	48.2	48.4	46.7	38.4	39.9	40.0	39.6	41.4	41.1	58.1
S. D.	5.295	8.125	8.645	9.008	11.371	11.590	9.133	9.326	9.339	8.600	7.631	5.726	10.408
TOTAL OBS.	563	505	575	555	573	579	600	604	600	626	569	593	6942

NOTES \* (BASED ON < FULL MONTHS)

\$ (BASED ON < FULL MONTHS AND +100 KNOTS)

USAF ETAC FORM 0-88-5 (OLI)  
JUL 64

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13345 STATION FORT SILL OKLAHOMA/POST FLD 39-42,44-72 YEARS ALL MONTH ALL HOURS (L.S.T.)

ALL WEATHER  
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.8	3.9	3.6	1.4	.6	.1	.0	.0			13.8	10.4
NNE	.5	1.1	1.9	1.8	.6	.2	.0	.0	.0			6.1	10.4
NE	.5	1.1	1.4	.7	.1	.0	.0					3.9	8.0
ENE	.3	.6	.6	.3	.0	.0	.0					1.9	7.3
E	.7	1.1	1.0	.3	.0	.0	.0					3.2	6.5
ESE	.5	1.0	1.1	.5	.1	.0	.0					3.2	7.6
SE	1.3	2.2	3.8	2.5	.6	.1	.0	.0	.0		.0	10.2	9.2
SSE	.9	1.9	3.5	3.7	1.1	.3	.0	.0	.0	.0		11.5	10.6
S	1.0	2.1	4.2	4.3	1.6	.6	.1	.0	.0	.0		14.0	11.1
SSW	.4	.8	1.5	1.8	.8	.3	.1	.0	.0	.0		5.7	11.6
SW	.5	.8	1.4	1.0	.4	.2	.0	.0	.0			4.3	10.1
WSW	.2	.3	.4	.3	.1	.1	.0	.0	.0			1.5	9.5
W	.3	.3	.4	.3	.1	.0	.0	.0	.0			1.5	8.8
WNW	.1	.1	.2	.2	.1	.0	.0	.0				.7	10.2
NW	.3	.4	.6	.6	.2	.1	.0	.0	.0	.0		2.3	10.8
NNW	.3	.6	1.0	1.2	.5	.2	.1	.0	.0			3.8	11.8
VARBL													
CALM												12.4	
	8.9	17.3	27.1	23.1	7.7	2.9	.5	.1	.0	.0	.0	100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 274500

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12945 FORT SILL OKLAHOMA/POST FLD 40-42, 45-72 JAN  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
ALL  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	3.7	6.0	6.6	2.6	1.4	.3	.0	.0			22.4	11.5
NNE	.6	1.5	2.6	2.5	.6	.3	.0					8.3	10.5
NE	.5	.9	1.4	.7	.2	.1						3.8	8.6
ENE	.2	.4	.4	.1	.0	.0						1.2	6.8
E	.5	.5	.4	.1	.0	.0						1.4	5.7
ESE	.3	.5	.5	.1	.0							1.5	6.3
SE	.6	1.2	1.7	.9	.2	.0						4.7	8.1
SSE	.6	1.4	2.0	2.1	.4	.1						6.6	9.5
S	1.0	2.1	3.8	3.3	1.1	.2	.0					11.5	10.1
SSW	.5	1.0	1.7	1.6	.5	.3	.1	.0				5.6	10.7
SW	.8	1.2	1.7	1.1	.4	.2	.0	.0	.0			5.4	9.5
WSW	.3	.5	.4	.3	.1	.0	.0	.0				1.7	8.5
W	.4	.4	.6	.3	.0	.1	.0	.0				2.0	8.4
WNW	.2	.1	.2	.2	.0	.0						.7	8.0
NW	.4	.6	.8	.8	.3	.2	.0	.0				3.1	10.6
NNW	.3	.7	1.3	1.9	.7	.4	.1	.0				5.4	12.3
VARBL													
CALM												14.7	
	9.0	16.7	25.6	22.7	7.3	3.3	.6	.1	.0			100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 22924

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13942 FORT SILL OKLAHOMA/POST FLD 40-42,45-72 FEB  
STATION: STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
ALL  
MOON (L.R.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.3	5.5	5.7	3.3	1.4	.3	.0	.0			20.7	12.0
NNE	.4	1.4	3.0	3.0	1.0	.3	.0	.0				9.2	11.1
NE	.6	1.2	1.6	1.0	.1	.1						4.5	6.3
ENE	.2	.6	.7	.3	.1	.0	.0					1.9	8.2
E	.5	.7	.8	.3	.0	.0						2.4	7.0
ESE	.2	.6	.6	.5	.0		.0					1.9	8.1
SE	.6	1.2	2.1	1.8	.5	.2						6.4	9.8
SSE	.6	1.3	2.1	2.2	.8	.4	.0	.0				7.5	10.9
S	.8	1.6	3.2	3.2	1.4	.6	.1	.0		.0		10.8	11.2
SSW	.4	.8	1.5	1.3	.6	.3	.1	.0	.0			5.1	11.5
SW	.5	.9	1.5	1.1	.4	.3	.1					4.7	10.6
WSW	.3	.4	.5	.3	.2	.1	.0	.0				1.8	9.4
W	.3	.4	.4	.3	.1	.0	.0	.0	.0			1.6	8.8
WNW	.1	.2	.2	.2	.1	.1						.8	10.1
NW	.3	.4	.7	.9	.3	.2	.1	.1	.0	.0		2.9	12.6
NNW	.4	.7	1.4	2.1	.9	.4	.1	.0	.0			5.9	12.5
VARBL													
CALM												11.8	
	7.5	15.6	25.8	24.1	9.8	4.3	.8	.2	.0	.0		100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 20879

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

40-42, 45-72  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.3	4.3	4.9	2.3	1.0	.2	.1	.0			16.1	12.1
NNE	.3	1.0	2.2	2.8	1.0	.4	.2	.1				7.9	12.3
NE	.5	1.2	1.6	1.0	.1	.0	.0					4.4	8.5
ENE	.2	.6	.7	.4	.0	.0						1.9	7.8
E	.5	1.0	.8	.3								2.6	6.4
ESE	.4	.7	.9	.6	.1	.0	.0					2.6	8.0
SE	.5	1.3	2.7	2.6	.7	.2	.0					8.0	10.7
SSE	.4	1.1	2.4	3.5	1.2	.6	.1	.0				9.3	12.2
S	.5	1.3	3.0	4.0	2.1	.7	.2	.0				11.8	12.8
SSW	.3	.6	1.2	1.8	.8	.5	.1	.0				5.3	12.9
SW	.4	.7	1.1	1.1	.6	.4	.1	.0				4.4	12.0
WSW	.2	.5	.6	.5	.3	.2	.1	.0	.0			2.3	12.2
W	.3	.4	.8	.5	.2	.1	.1	.0				2.4	11.1
WNW	.1	.2	.3	.4	.2	.1	.0	.0				1.4	12.6
NW	.2	.6	.9	1.2	.6	.5	.2	.0				4.3	13.4
NNW	.3	.8	1.4	2.2	1.1	.5	.3	.0				6.7	13.5
VARBL													
CALM												8.5	
	6.1	14.1	25.0	27.7	11.4	5.2	1.5	.4	.0			100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 22939



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 FTPT SILL OKLAHOMA/POST FL0 39-42,45-72 APR  
STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
ALL  
MOVES (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.5	3.5	3.6	1.5	.7	.2	.0				13.2	11.2
NNE	.3	1.1	2.2	2.3	1.0	.2	.0	.0	.3			7.3	11.3
NE	.4	1.2	2.0	1.4	.3	.1	.0					5.5	9.7
ENE	.3	.6	.7	.3	.0	.0						1.9	7.4
E	.5	1.0	1.1	.4	.1	.0	.0					3.1	7.5
ESE	.3	.9	1.4	.8	.1	.0	.0					3.5	9.7
SE	.4	1.4	3.8	3.7	1.1	.4	.0	.0				10.3	11.3
SSE	.5	1.1	3.3	4.4	2.1	.8	.1	.0		.0		12.3	12.7
S	.5	1.5	3.2	4.6	2.2	1.2	.2	.0				13.4	13.1
SSW	.2	.6	1.2	1.9	.9	.3	.1	.0				5.1	13.0
SW	.4	.6	1.3	1.1	.4	.2	.0	.0				4.0	10.9
WSW	.2	.3	.6	.5	.2	.1	.0	.0				1.8	10.3
W	.2	.4	.5	.4	.1	.1	.0					1.7	9.9
WNW	.1	.1	.3	.3	.1	.1	.0	.0				1.1	12.7
NW	.3	.4	.8	1.0	.5	.2	.0	.0				3.1	11.9
NNW	.2	.5	1.0	1.6	.7	.4	.1	.0				4.5	12.7
VARBL													
CALM												7.4	
	5.8	14.4	26.6	28.3	11.3	5.0	.9	.1	.0	.0		100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 22731



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

FT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42, 45-72  
YEARS

DAY  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.2	3.1	2.9	.9	.3	.0	.0				10.7	9.8
NNE	.4	.9	1.6	1.6	.4	.2	.0					5.2	10.2
NE	.5	1.2	1.8	.8	.2	.1						4.6	8.2
ENE	.3	.8	.9	.4	.1	.0						2.5	7.5
E	.7	1.4	1.6	.6	.1	.0						4.5	7.2
ESE	.5	1.3	1.8	.9	.2	.0						4.7	8.3
SE	.9	2.3	4.3	3.5	.9	.3	.0	.0				12.3	10.0
SSE	.8	2.0	4.2	4.9	1.9	.6	.1	.0				14.5	11.6
S	.8	1.8	4.2	5.2	2.3	1.0	.1	.0	.0			15.6	12.3
SSW	.3	.6	1.1	1.4	.6	.4	.1	.0				4.5	12.3
SW	.3	.6	1.0	.7	.5	.2	.0					3.2	10.9
WSW	.2	.3	.4	.3	.1	.1		.0				1.3	9.8
W	.3	.4	.5	.3	.1	.0		.0				1.6	8.3
WNW	.1	.1	.2	.1	.0	.0	.0					.6	9.8
NW	.3	.4	.6	.4	.1	.1	.0					1.9	9.3
NNW	.2	.5	.8	.7	.2	.1	.0	.0	.0			2.4	10.4
VARBL													
CALM												9.9	
	2.0	16.8	28.2	24.7	8.6	3.3	.5	.1	.0			100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 23702

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/ AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 F RT SILL KLAHOMA/POST FLB 39-42,43-72  
STATION STATION NAME YEARS MONTH  
ALL WEATHER ALL  
CLASS MONTH (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	1.7	2.0	1.2	.3	.1	.0	.0				6.2	6.2
NNE	.3	.9	1.2	.7	.1	.0						3.3	3.6
NE	.5	1.1	1.2	.5	.1	.0						3.5	7.4
ENE	.4	.9	.8	.3	.0	.0						2.3	7.0
E	.5	1.5	1.6	.5	.1	.0						4.6	6.9
ESE	.7	1.3	2.0	.9	.1	.0	.0					5.1	7.9
SE	1.1	3.0	5.4	4.5	1.1	.2	.0					15.2	9.8
SSE	.8	2.2	5.0	6.6	2.3	.6	.0	.0				17.7	11.6
S	.9	2.2	5.1	6.6	2.9	1.3	.2	.0		.0		19.2	12.4
SSW	.2	.8	1.5	1.8	.9	.5	.1					5.9	12.4
SW	.3	.5	1.0	.8	.4	.2	.0					3.3	11.1
WSW	.1	.2	.2	.2	.1	.1						.8	9.8
W	.2	.3	.3	.2	.0	.0	.0					1.0	7.5
WNW	.0	.1	.1	.1	.0	.0		.0				.4	8.9
NW	.2	.3	.4	.2	.1	.0	.0					1.2	8.8
NNW	.2	.4	.5	.4	.1	.0	.0					1.6	9.4
VARBL													
CALM												8.8	
	8.1	17.3	28.2	25.5	6.8	3.0	.4	.0		.0		100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 22628

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/14C

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13245 F RT SILL OKLAHOMA/POST FLG 39-41,45-72 JUL  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLAS  
CONDITION  
ALL  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.5	1.7	1.6	.6	.1	.0						4.8	5.9
NNE	.4	.9	1.1	.6	.1	.0						3.0	7.9
NE	.6	1.5	1.6	.5	.1	.0						4.2	7.1
ENE	.4	.8	.9	.4	.0	.0	.0					2.6	7.2
E	1.1	1.9	2.0	.6	.0							5.6	6.6
ESE	.7	1.7	1.7	.7	.1	.0						5.0	7.3
SE	1.5	3.9	6.0	3.1	.5	.0						15.0	8.4
SSE	1.5	3.3	5.3	4.1	.9	.1						15.2	9.1
S	1.4	3.5	5.9	4.6	1.2	.3	.0	.0				16.9	9.7
SSW	.5	1.1	2.1	2.3	.9	.2	.0					7.1	10.7
SW	.5	.9	1.9	1.2	.4	.1		.0				5.0	9.6
WSW	.1	.3	.4	.4	.2	.0	.0					1.5	10.1
W	.2	.2	.4	.2	.1	.0	.0	.0				1.0	8.7
WNW	.0	.1	.1	.0								.2	7.6
NW	.1	.2	.1	.1	.0	.0						.5	7.6
NNW	.1	.3	.2	.2	.0	.0	.0					.8	7.7
VARBL													
CALM												11.6	
	10.1	22.3	31.2	19.5	4.5	.8	.0	.0				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 22456

DATA PROCESSING - R. C.  
ETAC/USAF  
AIR WEATHER SERVICE / IAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13945 F FT SILL OKLAHOMA/POST FLC 39-41,44-72 AUG  
STATION STATION NAME YEARS MONTH  
ALL WEATHER CLASS ALL  
CONDITION HOUR (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥54	%	MEAN WIND SPEED
N	1.2	1.8	2.0	.8	.3	.0						4.2	7.3
NNE	.7	1.1	1.5	.8	.1	.0	.0					4.2	7.8
NE	.6	1.4	1.4	.6	.1							4.3	6.9
ENE	.5	.8	.9	.4	.0							2.6	7.0
E	1.2	1.6	2.0	.4	.6							5.6	6.4
ESE	1.0	1.6	2.2	.5	.1	.0						5.8	7.2
SE	2.0	4.0	5.6	2.7	.3	.0	.0				.0	14.6	7.9
SSE	1.6	2.7	4.6	3.5	.6	.1		.0				13.1	8.9
S	1.5	2.7	4.7	3.7	.8	.1						13.8	9.1
SSW	.5	1.1	1.8	2.0	.7	.1						5.1	10.5
SW	.6	.8	1.5	1.2	.5	.1	.0					4.6	9.8
WSW	.2	.2	.4	.3	.1	.0	.0					1.1	9.4
W	.3	.3	.4	.2	.1	.0						1.2	8.5
WNW	.1	.1	.1	.0	.0							.2	6.1
NW	.1	.3	.2	.1	.0		.0					.7	8.8
NNW	.2	.2	.3	.2	.0	.0						.9	8.0
VARBL													
CALM												15.0	
	12.6	20.9	29.5	17.6	3.6	.6	.0	.0			.0	100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 3597

DATA PROCESSING DIV OF  
ETAC/USAF  
AIR WEATHER SERVICE/MAO

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 F. T. SILL KLANOMA/POST FLD 39-41,44-72 SEP  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
ALL  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	2.7	3.5	2.3	.7	.2	.0					11.0	8.8
NNE	.7	1.3	1.7	1.7	.4	.1	.0	.0				6.0	9.4
NE	.7	1.2	1.5	.8	.1	.0						4.4	7.7
ENE	.4	.7	.7	.3	.0	.0						2.1	7.1
E	1.1	1.3	1.0	.4	.0	.0						3.8	6.0
ESE	.7	1.3	1.3	.5	.1							2.9	7.1
SE	1.4	3.0	5.3	2.9	.5	.0			.0			13.0	8.5
SSE	1.5	2.2	4.2	4.1	1.1	.2	.0					13.3	9.8
S	1.1	2.4	4.7	4.6	1.4	.4	.0					14.6	10.5
SSW	.4	.7	1.3	1.9	.9	.3	.0					5.7	12.1
SW	.4	.5	.8	.7	.3	.1	.0					2.8	9.9
WSW	.2	.2	.2	.1	.0			.0				.7	6.9
W	.2	.1	.2	.1	.0	.0						.6	7.3
WNW	.1	.1	.1	.1								.3	6.5
NW	.2	.4	.5	.2	.1					.0		1.4	7.6
NNW	.3	.4	.5	.4	.1	.1	.0					1.8	9.3
VARBL													
CALM												14.5	
	10.9	18.7	27.2	21.0	5.7	1.6	.1	.0	.0	.0		100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 22967

DATA PROCESSING  
ETAC/USAF  
AIR WEATHER SERVICE / 40

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945      FORT SILL OKLAHOMA/POST FLD      39-41,44-72      OCT  
STATION      STATION NAME      YEARS      MONTH  
ALL WEATHER  
CLASS  
CONDITION  
ALL  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.5	4.1	3.5	1.2	.4	.0	.0				14.6	9.5
NNE	.4	1.1	1.7	1.8	.6	.1	.0					5.8	10.6
NE	.4	.8	.9	.5	.1	.0						2.7	7.8
ENE	.2	.4	.3	.2	.0							1.2	7.5
E	.6	.6	.4	.1	.0	.0						1.7	5.9
ESE	.4	.6	.6	.3	.0							1.8	6.8
SE	1.1	2.4	4.2	2.3	.5	.1	.0					10.6	8.8
SSE	1.1	2.0	4.1	4.1	1.0	.2	.0					12.4	10.2
S	1.1	2.2	4.4	4.5	1.7	.6	.1					14.5	11.0
SSW	.4	.9	1.7	2.2	.9	.3	.0	.0				6.3	11.6
SW	.5	1.0	1.5	1.1	.3	.1	.0					4.5	9.5
WSW	.2	.3	.3	.2	.0							1.0	7.3
W	.3	.3	.2	.2	.0	.0						1.0	7.1
WNW	.1	.2	.2	.1	.0							.6	7.7
NW	.4	.4	.5	.4	.2	.0	.0					1.9	9.0
NNW	.3	.6	1.1	1.1	.2	.1	.0	.0				3.6	10.4
VARBL													
CALM												15.6	
	9.2	17.1	26.4	22.5	7.0	2.0	.2	.0				100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 23026



DATA PROCESSING OF  
ETAC/USAF  
AIR WEATHER SERVICE / JAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

F. R. SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-77  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	3.9	5.4	5.0	1.8	.8	.1	.0				18.9	10.3
NNE	.3	1.0	1.8	1.7	.6	.2	.3	.0				6.0	10.6
NE	.6	.9	1.0	.5	.2	.0						3.3	7.9
ENE	.2	.4	.4	.1	.0							1.1	6.5
E	.7	.6	.4	.1	.0							1.8	4.9
ESE	.4	.4	.3	.1	.0							1.2	6.0
SE	.4	1.6	2.1	1.2	.4	.1	.3	.0				6.1	8.7
SSE	.6	1.8	2.9	2.5	.6	.2	.0					8.5	9.8
S	1.2	2.2	4.6	4.2	1.2	.4	.0					13.8	10.3
SSW	.5	1.0	1.6	1.9	.8	.3	.0					6.0	11.0
SW	.5	.9	1.4	1.0	.3	.1	.3	.0				4.4	9.4
WSW	.3	.4	.5	.3	.1	.0	.0	.0	.3			1.7	9.1
W	.4	.4	.5	.3	.0	.1	.0	.0				1.7	8.6
WNW	.1	.2	.3	.2	.0	.1	.0	.0				1.0	10.1
NW	.4	.5	.9	.6	.3	.2	.1	.0				3.2	10.8
NNW	.5	.9	1.3	1.8	.8	.4	.1	.0				5.9	11.8
VARBL													
CALM												15.4	
	9.9	17.1	25.4	21.7	7.1	2.9	.4	.1	.3			100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

22953

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/ETAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

ALL  
MOON (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	4.2	6.1	5.7	2.4	1.1	.2	.0				21.6	10.7
NNE	.4	1.3	2.3	2.5	.6	.2	.0					7.5	10.2
NE	.4	.8	.8	.3	.0	.0						2.3	7.0
ENE	.2	.3	.3	.1	.0							1.0	6.5
E	.5	.5	.3	.1								1.3	5.1
ESE	.5	.5	.4	.2	.0	.0						1.5	6.5
SE	.9	1.3	1.8	1.4	.3	.1						5.7	8.6
SSE	.8	1.4	2.4	2.0	.5	.1	.3	.0	.0			7.3	9.6
S	1.1	2.1	3.8	3.5	1.1	.3	.0	.0				11.8	10.2
SSW	.6	.9	1.6	1.7	.6	.2	.1	.0				5.9	10.8
SW	.9	1.2	1.7	.8	.2	.1	.0	.0				4.7	8.8
WSW	.3	.5	.5	.2	.1	.0	.0	.0				1.6	8.2
W	.5	.5	.6	.3	.1	.1	.0	.0				2.0	8.0
WNW	.1	.2	.3	.3	.1	.0	.0					1.0	10.4
NW	.4	.6	1.1	1.0	.4	.2	.0	.0				3.8	10.8
NNW	.5	.8	1.7	1.9	.8	.4	.1	.0				6.1	11.8
VARBL													
CALM												14.9	
	9.8	17.0	25.9	21.9	7.1	2.8	.5	.1	.0			100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 23698



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 FORT SILL OKLAHOMA/POST FLD 40-42,45-72 JAN  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
0000-0200  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	4.5	6.7	5.6	2.0	1.2	.2	.0				24.3	10.4
NNE	.5	1.2	2.3	2.1	.8	.3	.0					7.5	10.5
NE	.5	1.0	1.0	.3	.3							3.1	7.8
ENE	.2	.1	.3	.1	.0	.0						.9	7.5
E	.2	.4	.3	.0	.0							1.2	5.6
ESE	.2	.5	.4	.1	.5							1.5	6.0
SE	.7	1.1	1.5	.7	.1							4.3	7.5
SSE	.2	1.3	2.4	2.1	.4	.0						7.2	9.2
S	1.2	2.4	3.7	2.0	.8	.2						10.3	9.0
SSW	.5	.9	.9	.4	.1							2.9	7.3
SW	1.0	1.0	1.4	.4								3.8	6.5
WSW	.5	.5	.3	.3								1.5	6.1
W	.5	.8	.5	.4								2.3	6.4
WNW	.2	.2	.2	.1								.7	5.8
NW	.6	1.0	.6	.5	.4	.3	.0					3.4	10.0
NNW	.6	.7	1.5	1.9	.7	.1						5.6	10.9
VARBL													
CALM												19.8	
	11.4	18.3	24.1	18.0	5.6	2.2	.3	.0				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 2861

DATA PROCESSING AND CR  
ETAC/USAF  
AIR WEATHER SERVICE/ IAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

40-42,45-77  
YEARS

JAN  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 5	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	4.6	6.5	6.9	1.2	1.2	.3					23.9	10.5
NNE	.5	1.6	2.5	2.7	.7	.2	.0					8.3	10.5
NE	.2	.6	1.6	.5	.2	.2						3.4	9.7
ENE	.2	.3	.1	.0								.5	5.8
E	.4	.7	.3	.1		.0						1.5	5.9
ESE	.4	.5	.2									1.2	4.5
SE	.8	.8	1.6	1.0	.2							4.4	8.1
SSE	.6	1.2	1.6	1.7	.2	.0						5.4	9.2
S	1.3	2.0	3.2	2.1	.5	.1						9.2	8.7
SSW	.6	.9	1.3	.5	.1							3.5	7.8
SW	.9	1.7	1.2	.6								4.4	6.3
WSW	.3	.8	.5	.3	.1							2.0	7.3
W	.7	.6	.5	.1		.0						1.9	5.6
WNW	.2	.0	.3	.2								.7	8.3
NW	.7	.7	.7	.8	.2	.2						3.4	9.8
NNW	.3	1.0	1.9	2.0	.6	.3	.0					6.1	11.3
VARBL													
CALM												20.3	
	10.5	18.1	24.0	19.6	4.8	2.4	.4					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 2864

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13945 STATION FORT SILL OKLAHOMA/POST FLD 40-42,45-72 YEARS JAN MONTH 0600-0800 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	4.7	7.0	7.0	2.2	1.2	.4	.1	.0			25.4	10.8
NNE	.8	1.5	2.8	2.5	.9	.1	.0					8.7	10.2
NE	.5	.7	1.3	.6	.3	.1						3.5	9.1
ENE	.1	.2	.3	.1	.0							.7	7.3
E	.4	.1	.4		.1							1.0	6.1
ESE	.2	.3	.2									.8	5.5
SE	1.3	1.0	1.3	.8	.1							4.2	7.3
SSE	.7	1.3	1.6	1.9	.2	.0						5.6	9.1
S	1.8	2.2	3.1	2.1	.6	.1						9.9	8.5
SSW	.0	1.0	1.4	.6	.1	.0						3.7	8.0
SW	1.3	1.3	1.3	.6	.0							4.4	6.9
WSW	.2	.5	.4	.1	.0							1.4	6.4
W	.3	.2	.4	.0								.9	6.3
WNW	.2	.1	.1	.2	.0							.7	7.5
NW	.6	.6	.9	.7	.2	.1						3.0	8.8
NNW	.5	1.0	1.8	2.1	.8	.5	.1					5.7	11.7
VARBL													
CALM												19.3	
	11.6	16.7	24.3	19.5	5.7	2.2	.6	.1	.0			100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 2871

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/AC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13945 STATION FORT SILL OKLAHOMA/POST FLD 40-42,45-72 YEARS JAN MONTH  
0900-1100 HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.9	6.0	7.0	3.5	2.1	.3	.1				24.0	12.6
NNE	.4	1.2	2.6	3.3	.9	.5						8.9	11.5
NE	.7	.9	1.3	1.0	.2	.1						4.2	8.9
ENE	.2	.4	.4	.1	.1							1.2	7.3
E	.4	.3	.4	.1								1.2	6.1
ESE	.2	.4	.5	.0								1.1	6.2
SE	.6	1.0	1.4	.6	.2	.1						3.9	8.5
SSE	.8	1.3	1.5	1.5	.5	.0						5.6	9.2
S	.5	2.1	4.1	4.1	1.3	.3						12.4	10.3
SSW	.5	1.3	2.4	2.4	.7	.4	.0	.0				7.8	11.1
SW	.9	1.4	2.1	1.7	.5	.2	.1					6.9	9.7
WSW	.2	.3	.5	.6	.0	.0						1.6	9.0
W	.3	.2	.5	.3	.0	.0	.1					1.4	9.2
WNW	.1	.2	.2	.2	.0							.8	8.0
NW	.2	.3	.7	.7	.5	.1	.0					2.5	11.7
NNW	.2	.6	1.3	2.2	.9	.4	.2					5.8	13.5
VARBL													
CALM												10.7	
	7.4	14.9	26.6	25.9	9.4	4.3	.7	.2				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 2866

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FORT SILL OKLAHOMA/POST FLD STATION NAME 40-42,45-72 YEARS  
ALL WEATHER CLASS  
CONDITION  
1200-1400 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.3	4.7	6.5	4.0	1.6	.4	.0				20.6	13.1
NNE	.5	1.3	2.3	2.3	1.0	.5	.0					7.9	11.6
NE	.5	.9	1.6	1.2	.2							4.4	9.3
ENE	.2	.3	.5	.1								1.2	6.9
E	.5	.2	.5	.2								1.5	6.5
ESE	.4	.5	.7	.2	.0							1.7	6.8
SE	.3	.7	1.3	.6	.2							3.2	8.7
SSE	.3	.9	1.4	2.0	.3	.1						5.1	10.8
S	.6	1.8	3.9	5.1	1.8	.3	.1					13.6	11.5
SSW	.4	1.5	3.2	3.8	1.1	.9	.3	.0				11.3	12.7
SW	.6	1.2	2.1	2.5	1.5	1.1	.2	.0				9.2	13.1
WSW	.2	.5	.6	.6	.2	.2	.1	.0				2.4	11.8
W	.3	.5	.6	.6	.1	.3		.0				2.4	11.4
WNW	.2	.1	.2	.3	.1	.0						.0	10.0
NW	.2	.3	1.0	.9	.4	.1	.1					3.0	11.7
NNW	.2	.5	1.1	2.1	1.0	.7	.2	.1				5.9	14.7
VARBL													
CALM												5.7	
	6.4	13.4	25.6	29.2	12.0	6.0	1.4	.2				100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 2866

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 FORT SILL OKLAHOMA/POST FLD 40-42,45-72 JAN 1969  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
1500-1700  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.6	5.1	6.5	2.9	1.4	.3	.0				18.5	13.1
NNE	.6	1.6	3.0	2.7	.8	.3						9.0	10.4
NE	.5	.9	1.5	1.0	.2	.0						4.2	8.8
ENE	.3	.8	.5	.2								1.8	6.3
E	.5	.5	.4	.0								1.5	5.3
ESE	.3	.5	.7	.5	.0							2.2	7.4
SE	.5	.8	1.6	1.2	.2							4.3	9.0
SSE	.3	1.4	2.0	1.9	.7	.1						6.4	10.3
S	.7	2.1	5.4	5.2	1.6	.5	.1					15.5	11.1
SSW	.3	1.2	2.7	3.0	1.2	.6	.1	.0				9.1	12.2
SW	.4	1.4	2.5	1.5	.8	.5	.1	.0	.0			7.4	11.5
WSW	.1	.6	.3	.3	.2	.1		.0				1.7	10.7
W	.1	.3	.9	.6	.2	.2	.1					2.5	11.7
WNW	.0	.1	.3	.2	.0	.0						.7	10.3
NW	.2	.4	.9	1.2	.3	.1	.0	.0				3.2	11.9
NNW	.3	.5	1.1	2.1	.8	.7	.0					5.4	13.3
VARBL													
CALM												6.6	
	5.8	14.6	29.2	28.1	10.1	4.6	.8	.2	.0			100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 2869



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 FORT SILL OKLAHOMA/POST FLD 40-42,45-72 JAN  
STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
1800-2000  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.5	5.0	6.0	1.7	1.3	.2					19.2	11.3
NNE	.7	2.0	2.9	2.3	.4	.2	.0					8.5	9.4
NE	.7	1.5	1.8	.5	.2							4.7	7.1
ENE	.5	.9	.5	.2	.0							2.0	6.1
E	.8	.9	.4	.0								2.1	4.8
ESE	.5	.6	.9	.2								2.2	6.0
SE	.6	2.2	2.8	1.3	.1							7.0	7.9
SSE	.9	2.1	2.5	2.5	.5	.1						8.7	9.2
S	.9	2.2	4.3	3.0	.8	.2	.0					11.5	9.9
SSW	.7	.7	.9	1.1	.2	.1						3.6	9.1
SW	.6	.7	1.7	.6	.2	.0						3.9	8.2
WSW	.2	.2	.2	.2			.1	.0				1.0	9.7
W	.2	.4	.6	.3	.0							1.6	7.7
WNW	.2	.1	.3	.1								.7	6.5
NW	.2	.8	.9	.6	.2	.2						3.1	9.9
NNW	.2	.6	.9	1.3	.6	.1						3.7	11.8
VARBL													
CALM												16.4	
	9.4	19.4	26.6	20.3	5.1	2.4	.4	.0				100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 2865

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FORT SILL OKLAHOMA/POST FLD STATION NAME 40-42,45-72 YEARS JA MONTH 2100-2300 HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	5.1	6.3	6.2	2.2	1.3	.2	.1				23.5	10.6
NNE	.5	1.6	2.6	2.1	.4	.5						7.6	10.3
NE	.3	.9	1.0	.6	.2	.1						3.1	8.8
ENE	.2	.4	.6	.2	.0							1.4	7.7
E	.4	.6	.5	.0	.0							1.6	5.7
ESE	.2	.6	.4	.2								1.5	6.4
SE	.5	2.0	2.4	1.2	.2	.0						6.4	8.3
SSE	.7	2.0	2.9	2.9	.3	.1						9.9	9.2
S	.9	1.6	2.9	3.0	1.1	.1						9.7	10.4
SSW	.3	.5	1.0	.9	.1	.0						2.9	9.3
SW	.8	.6	1.0	.4	.0	.1						2.9	7.3
WSW	.7	.3	.4	.2								1.5	5.5
W	.8	.5	.8	.3	.0							2.4	6.7
WNW	.1	.2	.1	.1								.6	7.4
NW	.2	.6	.6	.8	.3	.2	.1					2.8	11.5
NNW	.5	.8	.9	1.5	.5	.2	.0					4.4	10.8
VARBL													
CALM												18.8	
	9.4	18.3	24.2	20.7	5.5	2.7	.3	.1				100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 2862



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

40-42, 45-72  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	4.5	6.3	5.7	2.8	1.3	.3					22.7	10.9
NNE	.5	1.5	2.9	2.5	.7	.3	.1					8.5	10.4
NE	.6	1.3	1.5	.7	.1	.0						4.1	7.6
ENE	.2	.5	.4	.2	.1	.0						1.5	8.1
E	.5	.8	.7	.2	.1	.0						2.3	6.9
ESE	.3	.7	.5	.3								1.7	7.1
SE	.5	1.6	1.9	1.8	.3	.1						6.2	9.2
SSE	.5	1.6	2.2	2.0	.4	.5						7.2	10.1
S	1.0	2.0	3.4	2.7	.9	.1				.0		10.1	9.7
SSW	.2	.5	.8	.8	.2							2.6	10.0
SW	.3	1.0	1.3	.5	.0	.1						3.6	7.2
WSW	.2	.9	.3	.2	.0		.0	.1				1.7	8.1
W	.5	.4	.5	.2								1.5	6.5
WNW	.1	.1	.2	.2	.1	.0						.7	11.7
NW	.3	.2	.8	.9	.3	.1	.1	.0				2.7	12.3
NNW	.6	.7	1.2	1.7	.6	.3	.0	.0				5.1	11.1
VARBL													
CALM												17.8	
	8.8	18.3	24.6	20.4	6.7	2.8	.6	.2		.0		100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 2613

DATA PROCESSING BRANCH  
ETAC/USA?  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

40-42,45-72  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	4.7	6.6	5.4	3.3	1.4	.2					23.9	10.9
NNE	.5	1.1	2.9	2.9	.9	.2	.2					8.6	11.1
NE	.8	1.4	1.4	.8	.2	.0						4.7	7.8
ENE	.2	.4	.4	.3	.0	.0	.0					1.3	8.8
E	.5	.3	.6	.2	.0	.1						1.8	7.7
ESE	.3	.5	.5	.5	.1							1.9	7.9
SE	.7	.9	1.8	1.3	.2	.0						4.9	8.9
SSE	.5	1.1	2.3	1.3	.4	.3						5.9	9.9
S	1.3	1.5	3.5	2.3	.2	.1						8.9	8.7
SSW	.2	.9	1.1	.5	.3	.1						3.1	8.8
SW	.9	1.0	.8	.6	.2	.0						3.4	7.3
WSW	.6	.6	.5	.5	.1	.0						2.2	7.5
W	.5	.3	.4	.2	.1							1.6	7.0
WNW	.1	.2	.1	.2	.1	.0						.7	9.9
NW	.5	.6	.7	.5	.4	.1	.1					2.9	10.9
NNW	.7	.7	1.6	2.1	.9	.3	.0					6.3	11.6
VARBL													
CALM												17.8	
	10.5	16.3	25.2	19.6	7.3	2.8	.6					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

2615

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 FORT SILL OKLAHOMA/POST FLD 40-42,45-72 FEB  
STATION MONTH  
ALL WEATHER  
CLASS  
0600-0800  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	4.7	6.6	6.1	3.6	1.3	.3	.1				25.1	11.2
NNE	.5	1.5	2.0	2.5	.9	.3	.0	.0				7.7	10.9
NE	.6	.9	1.3	1.2	.2	.1						4.3	6.9
ENE	.2	.8	.6	.3	.1	.1						2.2	8.4
E	.7	.4	.7	.3								2.1	6.2
ESE	.2	.3	.5	.2								1.2	6.9
SE	.6	1.1	1.8	1.3	.3							5.1	9.0
SSE	1.0	1.0	1.7	1.5	.6	.2						6.0	2.4
S	.9	2.0	3.1	2.3	.8	.2						9.3	9.6
SSW	.5	.7	1.0	.4	.2							2.8	7.9
SW	.3	1.0	.9	.4	.1	.0						2.8	7.9
WSW	.3	.3	.6	.1	.2	.0						1.5	8.4
W	.5	.7	.4	.1			.0					1.8	6.0
WNW	.1	.2	.2	.1	.2	.1						.8	11.0
NW	.3	.4	.8	.8	.3	.2	.0	.1				2.9	11.5
NNW	.5	.9	1.7	2.5	.8	.3	.0					6.8	11.5
VARBL													
CALM												17.5	
	9.5	17.1	23.9	20.1	8.3	2.8	.4	.2				100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 2611

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

40-42,45-72  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	1.8	5.0	6.2	4.2	2.0	.3	.2				20.6	13.9
NNE	.4	1.3	2.3	3.6	1.5	.5						9.7	12.0
NE	.5	1.1	1.6	1.4	.1	.1						4.7	9.1
ENE	.3	.3	.8	.7	.2	.0						2.2	9.5
E	.5	.5	.9	.7								2.5	7.9
ESE	.3	.6	.7	.3								2.0	7.1
SE	.8	1.1	2.3	1.8	.4	.2						6.5	9.6
SSE	.5	1.2	1.7	2.2	1.0	.2						6.9	11.0
S	.6	1.4	2.4	3.0	1.6	.9	.0					9.9	12.4
SSW	.3	1.4	2.6	1.8	1.0	.6	.2					7.8	11.5
SW	.4	1.2	2.3	2.1	.5	.7						7.2	11.3
WSW	.2	.3	.6	.3	.2	.1	.0					1.5	10.8
W	.1	.3	.2	.2	.2	.1						1.0	10.6
WNW		.2	.2	.2		.1						.6	11.1
NW	.1	.2	.6	.5	.2	.4	.1					2.1	14.4
NNW	.2	.6	1.3	3.1	1.4	.6	.2					7.2	14.2
VARBL													
CALM												7.4	
	5.9	13.4	25.3	28.0	12.4	6.5	.8	.2				100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 2611

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 FORT SILL OKLAHOMA/PNST FLD 40-42,45-72 FEB  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
1200-1400  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.1	4.6	6.6	4.5	1.4	.2					18.7	14.2
NNE	.2	.8	2.5	3.3	1.2	.4		.0				8.5	12.5
NE	.4	.9	1.6	1.0	.2							4.1	8.5
ENE	.1	.4	.8	.3	.1	.1						1.8	9.2
E	.4	.6	1.0	.4								2.3	7.6
ESE	.1	.5	.7	.7	.0							2.1	9.0
SE	.5	.9	1.4	1.6	.3	.2						4.9	10.3
SSE	.2	1.0	1.6	2.1	1.0	.6	.0					6.6	12.5
S	.5	1.5	2.8	4.3	2.5	1.2	.1	.0				12.9	13.2
SSW	.4	1.0	2.5	3.1	1.3	1.1	.4	.0	.0			9.9	13.7
SW	.2	.5	3.0	2.6	1.2	1.0	.4					8.9	14.0
WSW	.2	.2	1.0	.8	.5	.1						2.8	11.3
W	.3	.4	.5	.4	.1	.1	.1	.1	.0			2.0	11.4
WNW	.1	.2	.2	.2	.1	.2						1.0	11.6
NW	.1	.2	.8	1.4	.3	.5	.2					3.4	14.8
NNW	.2	.3	1.3	2.7	1.1	.4	.3	.1				6.3	14.5
VARBL													
CALM												4.0	
	4.1	10.5	26.2	31.3	14.5	7.4	1.6	.3	.1			100.0	12.2

TOTAL NUMBER OF OBSERVATIONS 2610

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

40-42, 45-72  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (L.S.T.)

CON 1100

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.4	3.9	6.3	3.0	1.2	.2					16.2	13.6
NNE	.4	1.2	3.5	3.7	1.1	.6	.1	.0				10.5	11.9
NE	.4	1.2	1.7	.9	.2	.2						4.5	9.0
ENE	.1	.5	.7	.4	.1	.0						1.8	8.9
E	.3	.8	1.0	.5	.0							2.6	7.3
ESE	.0	.5	.7	.5	.2							1.9	9.9
SE	.4	.7	1.8	1.6	.9	.2						5.7	11.3
SSE	.2	.7	1.7	2.5	1.2	.4	.1					6.8	13.1
S	.7	1.5	4.1	4.5	3.1	1.4	.2					15.5	13.1
SSW	.4	1.1	2.5	2.3	1.5	.8	.2		.0			8.9	12.8
SW	.3	1.0	1.9	1.4	.7	.6	.1					5.9	11.9
WSW	.3	.3	.5	.5	.2	.2		.0				2.1	11.4
W	.1	.3	.6	.6	.2	.1	.1	.0				2.1	12.6
WNW	.0	.3	.4	.6	.1							1.4	10.9
NW	.1	.2	.8	1.7	.5	.3		.1				3.8	13.8
NNW	.2	.7	1.6	2.4	1.3	.5	.1					6.8	13.3
VARBL													
CALM												3.6	
	4.3	12.3	27.5	30.4	14.2	6.4	1.2	.2	.0			100.0	11.9

TOTAL NUMBER OF OBSERVATIONS

2607



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

40-42,45-72  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.4	4.8	4.6	2.2	1.3	.3					17.8	11.4
NNE	.5	1.9	3.8	3.0	1.0	.1						10.2	10.1
NE	.8	1.8	1.7	1.1	.1	.1						5.3	7.8
ENE	.4	1.0	.7	.3								2.5	6.4
E	.7	1.3	.9	.1	.0							3.0	5.8
ESE	.3	.8	.7	.6	.0		.0					2.5	8.4
SE	.6	1.5	2.6	2.5	.7	.2						8.2	10.1
SSE	.8	2.3	3.1	2.7	.9	.3	.1	.0				10.3	10.2
S	.6	1.6	3.6	3.5	1.1	.4	.0					11.2	10.8
SSW	.5	.8	1.2	.8	.3	.0						3.6	8.9
SW	.5	.7	1.1	.4	.3	.2	.0					3.2	9.5
WSW	.4	.2	.3	.2	.0							1.2	6.9
W	.2	.3	.4	.3								1.3	7.8
WNW	.1	.3	.2	.2		.0						.8	8.0
NW	.3	.7	.7	.6	.2	.0		.2	.1			2.8	11.2
NNW	.3	.7	1.3	1.5	.7	.2						4.6	10.9
VARBL													
CALM												11.2	
	8.6	19.3	27.2	22.4	7.5	2.8	.5	.2	.1			100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 2606

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 FORT SILL OKLAHOMA/PDST FLD  
STATION STATION NAME

40-42,45-72  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	4.4	5.8	4.7	2.5	1.2	.2		.0			20.5	10.9
NNE	.5	1.7	3.9	2.3	.9	.3						9.5	10.2
NE	.8	.9	1.8	.7	.1	.0						4.4	7.7
ENE	.4	.8	.8	.3								2.3	6.8
E	.3	1.2	.8	.2	.1							2.6	6.5
ESE	.2	.8	.4	.5								2.0	7.6
SE	.9	1.8	3.1	2.6	.7	.3						9.4	9.9
SSE	.7	1.8	2.6	3.3	1.1	.5	.1					10.1	11.3
S	.8	1.4	2.9	2.8	.7	.2	.0					8.9	10.3
SSW	.3	.3	.7	.5	.4	.1						2.2	11.2
SW	.5	.5	1.0	.5	.1	.1						2.6	8.1
WSW	.3	.5	.4	.2	.2	.1	.0					1.7	8.9
W	.3	.3	.4	.3	.0							1.2	7.5
WNW	.2	.3	.0									.6	4.4
NW	.4	.5	.8	.7	.2	.1		.2		.0		2.8	11.8
NNW	.4	.8	1.1	.8	.6	.3	.1		.0			4.1	11.5
VARBL													
CALM												15.1	
	8.7	17.8	26.6	20.3	7.6	3.1	.5	.2	.1	.0		100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 2606



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

40-42,45-72  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	3.0	5.1	5.1	2.3	.6	.1					18.1	10.6
NNE	.3	1.3	2.5	2.5	.9	.2	.3	.2				8.3	12.0
NE	.7	1.3	1.7	.8	.2	.0						4.7	8.0
ENE	.1	.3	.7	.2								1.4	7.6
E	.6	1.0	.8	.1								2.6	5.8
ESE	.7	.9	.8	.4	.1		.1					2.9	7.1
SE	.7	1.7	3.6	2.5	.6	.1						9.4	9.8
SSE	.7	1.6	3.7	3.8	.8	.4	.1					10.4	10.9
S	.3	1.4	3.1	3.2	1.4	.1	.0					9.5	11.2
SSW	.2	.5	.6	.7	.4	.1		.0				2.6	12.0
SW	.7	.6	.8	.7	.2	.1						3.0	8.7
WSW	.3	.7	.5	.2	.1	.0	.0					1.8	7.9
W	.3	.5	1.1	.6	.1	.0						2.6	9.0
WNW	.0	.2	.2	.1	.1		.0					.7	10.3
NW	.3	.9	1.0	.9	.5	.2	.1					3.9	10.9
NNW	.7	.9	1.7	1.8	.6	.4	.2	.1				6.5	11.9
VARBL													
CALM												11.6	
	8.6	17.0	27.1	23.8	8.2	2.3	1.0	.3				100.0	9.1

TOTAL NUMBER OF OBSERVATIONS

2865

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 FORT SILL OKLAHOMA/POST FLD 40-42,45-72 MAR  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
0300-0500  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.3	6.0	5.0	2.2	.8	.2	.0				19.1	10.9
NNE	.2	1.3	2.4	2.9	1.1	.3	.2	.1				8.5	12.4
NE	.5	1.1	1.3	.7	.0	.1						3.7	8.0
ENE	.1	.5	.3	.2								1.2	7.3
E	.6	1.0	.7	.0								2.3	5.4
ESE	.6	.8	.9	.2	.0							2.5	6.4
SE	.9	1.5	2.8	1.9	.7	.2						8.1	9.9
SSE	.7	1.7	2.8	2.5	.4	.2	.0					8.4	9.6
S	.8	1.6	3.1	2.9	.9	.2	.0	.0				9.4	10.4
SSW	.5	.6	.6	.9	.2	.0						2.9	9.0
SW	.6	1.0	1.1	.4	.1	.1						3.4	7.6
WSW	.2	.7	.7	.2	.2	.0						2.1	8.8
W	.3	.5	1.0	.7	.2	.1	.1					3.0	9.8
WNW	.0	.3	.3	.4	.1	.1	.0					1.4	11.5
NW	.2	.8	1.2	1.2	.4	.3	.1					4.2	11.5
NNW	.5	1.3	1.0	2.1	1.0	.3	.2	.0				6.4	12.2
VARBL													
CALM												13.5	
	8.3	18.1	26.4	22.3	7.6	2.8	.9	.2				100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 2872

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

40-42, 45-72  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.5	4.5	5.2	2.7	1.2	.2	.2				18.7	11.8
NNE	.6	1.3	2.1	3.0	1.2	.3	.2	.1				8.8	12.1
NE	.5	1.4	1.4	.9								4.2	7.8
ENE	.0	.3	.5	.3	.0							1.3	9.0
E	.7	.9	.6	.1								2.3	5.5
ESE	.5	.8	.6	.5								2.3	7.1
SE	.3	1.6	2.7	1.3	.5	.1	.0					6.5	9.4
SSE	.6	1.3	2.7	3.3	.6	.3						8.9	10.6
S	.9	1.6	2.7	3.2	.8	.2	.0	.0				9.4	10.4
SSW	.8	.5	.7	.8	.5	.0						3.3	9.3
SW	.9	.7	1.0	.5	.3	.1						3.6	8.5
WSW	.2	.5	.6	.6	.2	.0	.0					2.1	10.0
W	.4	.5	.9	.5	.0	.0						2.4	8.4
WNW	.1	.3	.5	.2	.1	.0	.0					1.3	9.8
NW	.2	.6	1.0	1.3	.8	.5						4.4	12.6
NNW	.2	1.2	1.7	2.4	1.0	.6	.1	.1				7.3	12.8
VARBL													
CALM												13.2	
	7.9	17.0	24.2	24.3	8.8	3.5	.6	.4				100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 2858

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 FORT SILL OKLAHOMA/POST FLD 40-42.45-72 MAR  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
0900-1100  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.2	3.4	6.0	3.2	1.7	.5	.2				16.6	14.4
NNE	.2	.6	2.1	3.3	1.0	.6	.1	.0				8.0	12.9
NE	.3	.8	1.9	1.4	.1	.1						4.6	9.7
ENE	.1	.6	.8	.3	.1							1.9	8.4
E	.2	.9	.7	.3								2.1	7.5
ESE	.2	.4	.9	.8								2.3	8.9
SE	.2	.7	1.7	2.4	.3	.2	.1					5.6	11.2
SSE	.1	.8	2.0	3.3	1.4	.6	.1					8.3	13.1
S	.3	.9	2.8	5.4	2.8	1.3	.2	.0				13.8	14.2
SSW	.1	.6	1.7	3.4	1.5	1.1	.1					8.6	14.5
SW	.2	.8	1.4	1.9	1.1	.4	.1	.1				6.0	13.3
WSW	.1	.6	.6	.9	.3	.3	.2	.2				3.2	14.1
W	.3	.4	.5	.5	.4	.2	.1					2.3	11.9
WNW	.0	.1	.4	.4	.5	.0						1.5	13.1
NW	.2	.4	.7	1.3	.8	.5	.4					4.2	15.1
NNW	.2	.5	1.3	2.5	1.4	.6	.2	.0				6.8	14.3
VARBL													
CALM												4.3	
	3.2	10.2	23.1	34.2	14.8	7.6	2.0	.6				100.0	12.6

TOTAL NUMBER OF OBSERVATIONS 2872

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

40-42,45-72  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.0	3.0	5.1	2.5	1.1	.1	.1	.0			13.7	13.6
NNE	.2	.8	1.8	2.8	1.2	.5	.1	.0				7.4	12.8
NE	.2	.6	1.4	1.2	.1	.0						3.6	9.8
ENE	.1	.5	.6	.5								1.7	8.3
E	.3	.5	.8	.6								2.2	7.7
ESE	.0	.5	.8	.5	.0							1.8	9.0
SE	.2	.7	1.7	2.2	.6	.3	.1					5.8	12.1
SSE	.1	.5	1.3	2.7	1.8	.5	.2					7.1	14.3
S	.4	1.0	2.3	4.8	4.1	2.0	.2	.0				15.0	15.1
SSW	.2	.7	2.5	3.7	1.6	1.5	.2	.1				10.5	14.4
SW	.3	.7	1.7	2.2	1.0	1.0	.2	.1				7.3	14.6
WSW	.1	.4	.8	.8	.6	.5	.3	.0	.0			3.5	15.1
W	.1	.3	.7	.5	.5	.2	.3	.0				2.7	15.1
WNW	.1	.1	.3	.9	.4	.3		.0				2.2	14.9
NW	.1	.5	.8	1.4	.9	.7	.2	.1				4.5	15.2
NNW	.1	.5	1.4	2.8	1.8	.8	.3					7.7	15.2
VARBL													
CALM												3.5	
	3.2	9.3	21.9	32.6	17.1	9.4	2.4	.6	.1			100.0	13.3

TOTAL NUMBER OF OBSERVATIONS

2869

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

40-42,45-72  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.0	3.8	4.6	2.1	1.0	.3					13.4	13.2
NNE	.1	.5	1.9	2.8	1.0	.3	.1					6.8	12.7
NE	.1	1.0	1.5	.8	.1	.0						3.6	8.8
ENE	.3	.9	.8	.6	.0							2.6	7.9
E	.3	.7	1.0	.5								2.5	7.5
ESE	.1	.4	.9	.9	.1	.0						2.6	10.3
SE	.3	.9	1.9	1.8	.6	.3	.1					6.0	11.5
SSE	.2	.5	1.9	3.3	2.0	1.1	.2	.1				9.1	14.9
S	.2	.9	3.0	4.9	4.2	1.2	.5	.1				15.9	15.0
SSW	.2	.8	2.0	3.6	1.1	.9	.3	.0				9.0	13.9
SW	.3	.6	1.3	1.8	1.3	.9	.1	.1				6.4	14.3
WSW	.1	.3	.8	.7	.6	.3	.1	.1				3.0	14.6
W	.2	.3	.8	.6	.5	.3	.1	.0				2.9	13.5
WNW	.0	.2	.4	.7	.2	.1		.0				1.8	13.1
NW	.1	.2	.7	1.4	1.0	1.2	.2	.1				4.9	17.3
NNW	.2	.6	1.4	2.1	1.5	.6	.4	.0				6.8	14.9
VARBL													
CALM												3.7	
	3.3	9.6	24.1	31.0	16.5	8.4	2.5	.6				100.0	13.0

TOTAL NUMBER OF OBSERVATIONS

2870



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945      FORT SILL OKLAHOMA/POST FLD      40-42, 45-72      MAR  
STATION      STATION NAME      YEARS      MONTH

ALL WEATHER  
CLASS

CONDITION

1800-2000  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.0	4.4	4.5	1.5	1.0	.1					14.5	11.6
NNE	.6	1.1	2.3	2.4	.7	.2	.1					7.4	11.0
NE	.8	1.4	1.7	1.1	.1	.0	.0					5.2	8.1
ENE	.4	.7	.8	.5	.0	.0						2.4	7.5
E	.2	1.5	1.2	.2								3.7	5.9
ESE	.2	1.0	.9	.6	.0							2.9	7.6
SE	.7	1.5	3.5	4.1	1.4	.2						11.3	11.1
SSE	.2	1.2	2.7	4.2	1.5	.6	.1					10.5	12.5
S	.4	1.8	3.9	4.4	1.4	.4	.1					12.4	11.4
SSW	.2	.5	1.2	.9	.4	.1						3.5	10.3
SW	.1	.4	1.2	.7	.5	.1						3.0	11.5
WSW	.1	.2	.5	.2	.2	.2	.0					1.5	12.2
W	.2	.3	.7	.5	.1	.1	.0					1.7	10.1
WNW	.0	.2	.3	.6	.2	.1	.0					1.5	13.4
NW	.4	.6	1.2	1.0	.5	.4	.1					4.3	11.9
NNW	.3	.6	1.4	1.9	1.0	.6	.3	.0				6.1	13.8
VARBL													
CALM												8.0	
	6.6	14.9	27.8	27.9	9.7	4.1	1.0	.0				100.0	10.2

TOTAL NUMBER OF OBSERVATIONS      2064

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FORT SILL OKLAHOMA/POST FLD 40-42,45-72 YEARS MAR  
STATION NAME MONTH  
ALL WEATHER  
CLASS  
2100-2300  
HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	3.1	4.2	3.5	1.6	.8	.2	.0				14.7	10.9
NNE	.4	1.0	2.4	2.5	.6	.5	.3	.1				7.8	12.2
NE	.6	1.6	2.1	1.2	.1	.0						5.6	8.2
ENE	.3	1.0	1.1	.3								2.7	7.1
E	.7	1.1	1.0	.2								2.9	6.0
ESE	.6	.9	1.3	.5	.1	.1						3.5	7.8
SE	.8	1.5	3.4	4.5	1.1	.4	.0					11.7	11.1
SSE	.0	1.2	3.1	4.9	1.4	.8	.1					12.0	12.2
S	.3	1.0	2.8	3.4	1.5	.4	.1					9.7	12.2
SSW	.2	.4	.4	.5	.4	.1						2.0	10.7
SW	.3	.7	.4	.7	.4	.1	.0					2.7	10.4
WSW	.2	.3	.5	.4	.1	.0	.0					1.5	9.7
W	.3	.5	.6	.3	.1		.0	.1				2.0	10.1
WNW	.1	.5	.2	.2	.2	.1	.0	.0				1.4	11.9
NW	.3	.8	.8	.9	.2	.1	.3					3.6	11.5
NNW	.2	.6	1.6	1.7	.8	.2	.4					5.8	12.9
VARBL													
CALM												10.5	
	7.4	16.5	25.8	25.8	8.6	3.6	1.6	.2				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 2869



DATA PROCESS  
ETAC/USAF  
AIR WEATHER STATION

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FORT SILL OKLAHOMA/POST FLD STATION NAME 39-42.45-72 YEARS APR MONTH  
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	4.7	4.4	3.0	.9	.5	.4	.1				15.5	9.6
NNE	.5	1.2	2.0	1.6	.8	.4	.0					6.5	10.9
NE	.2	1.2	2.0	.8	.2	.1						4.6	9.2
ENE	.4	.7	.6	.1								1.3	6.1
E	.7	1.3	1.1	.0		.1						3.3	6.2
ESE	.6	1.2	1.3	.6	.1							3.8	7.2
SE	.5	1.9	5.1	3.7	1.4	.2						12.9	10.4
SSE	1.1	1.6	4.4	3.8	1.5	.5						12.9	10.8
S	.6	1.8	3.5	4.2	1.5	.3	.0					11.9	11.1
SSW	.2	.4	.6	.8	.2							2.2	9.9
SW	.4	.6	1.0	.5	.1	.1						2.7	8.6
WSW	.4	.2	.5	.1	.1							1.3	7.5
W	.4	.4	.5	.4	.1	.0						1.8	5.8
WNW	.1	.1	.1	.3	.1	.0	.1					.9	12.4
NW	.6	.6	.8	.7	.2	.2						3.2	9.4
NNW	.5	.6	.8	1.3	.4	.1	.0					3.8	10.5
VARBL													
CALM												11.2	
	8.6	18.6	28.8	22.0	7.6	2.5	.5	.1				100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 2923

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAG

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FORT SILL OKLAHOMA/POST FLD STATION NAME 39-42,45-72 YEARS APR MONTH  
0300-0500 HOURS (L.S.T.)

ALL WEATHER  
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	4.3	4.8	3.9	1.4	.8	.1	.1				17.7	9.8
NNE	.5	1.6	1.9	1.6	.7	.1	.0					6.5	10.0
NE	.6	1.0	1.8	.9	.2	.2						4.8	9.2
ENE	.2	.7	.2									1.2	5.4
E	.3	1.0	.7	.2								2.2	6.4
ESE	.4	1.1	.5	.4	.1							2.5	6.8
SE	.5	1.8	4.1	3.2	.7	.2						10.5	9.8
SSE	.5	1.9	4.5	3.3	1.3	.2						11.8	10.5
S	1.1	2.0	4.3	2.9	.9	.2						11.4	9.6
SSW	.2	.6	1.0	1.5	.2							3.6	10.3
SW	.6	.6	1.2	.5	.1	.0						3.1	8.1
WSW	.6	.3	.4	.2	.1							1.7	7.0
W	.2	.6	.5	.2								1.6	6.7
WNW	.2	.1	.5	.4	.1	.1						1.3	10.4
NW	.5	.6	.9	.8	.5	.1						3.4	10.3
NNW	.5	.7	1.0	1.1	.6	.1						4.0	10.5
VARBL													
CALM												12.7	
	9.3	18.9	28.4	21.1	7.1	2.2	.2	.1				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 2825

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FORT JILL OKLAHOMA/POST FLD 39-42,45-72 YEARS 0600-0800 HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.9	4.9	4.1	1.8	.9	.2					15.4	10.8
NNE	.3	1.4	2.4	2.1	1.2	.2						7.7	10.9
NE	.7	1.2	2.0	1.1	.4	.1						5.4	9.1
ENE	.1	.3	.7	.2								1.3	8.1
E	.5	.7	.7	.2	.0							2.0	7.2
ESE	.2	.9	1.0	.6		.1						2.7	9.3
SE	.7	1.3	3.6	2.5	.7	.3						9.0	10.2
SSE	.7	1.1	3.6	3.8	1.5	.3						11.1	11.2
S	.7	2.1	4.2	4.0	1.3	.6						13.4	11.1
SSW	.2	.6	1.0	1.2	.5	.1	.1					3.8	11.5
SW	.6	.8	1.3	.7	.3	.1						3.7	9.0
WSW	.2	.6	.3	.5	.0	.0						1.7	8.3
W	.2	.5	.4	.1		.1	.0					1.3	8.2
WNW	.1	.1	.2	.2	.2							.8	11.4
NW	.2	.5	.9	1.1	.7	.1		.0				3.6	12.0
NNW	.3	.9	1.0	1.7	.8	.3	.1					5.1	12.3
VARBL													
CALM												10.9	
	7.2	15.7	28.3	24.7	9.5	3.2	.5	.0				100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 2865

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42,45-72  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.8	2.7	4.5	2.4	.9	.2					12.0	13.8
NNE	.2	.9	2.0	2.9	1.5	.5	.0					8.0	12.8
NE	.2	.7	1.7	1.9	.5	.3						5.4	11.4
ENE	.1	.7	1.0	.6	.0	.0						2.5	8.9
E	.2	.9	1.2	.4	.1	.1						2.9	8.4
ESE	.1	.7	1.6	.7	.0							3.0	8.9
SE	.1	.6	2.3	2.8	.6	.2	.0	.0				6.6	12.1
SSE	.1	.6	2.1	3.9	1.7	.8	.1					9.4	13.3
S	.2	1.3	2.9	6.7	3.7	2.1	.3					17.2	14.3
SSW	.1	.9	2.1	3.7	1.8	.7	.2					9.5	13.8
SW	.3	.7	1.8	2.3	.9	.7	.0	.0				6.7	12.6
WSW	.1	.3	1.1	.6	.2	.1	.1	.0				2.6	11.9
W	.1	.3	.4	.7	.1	.1	.0					1.8	11.0
WNW	.1	.1	.1	.5	.1	.2						1.0	14.5
NW	.1	.3	.5	1.0	.5	.1	.1					2.7	13.1
NNW	.1	.2	1.1	2.1	.9	.9	.1	.0				5.4	15.3
VARBL													
CALM												3.2	
	2.5	10.0	24.8	35.3	15.0	7.9	1.2	.1				100.0	12.7

TOTAL NUMBER OF OBSERVATIONS 2862

DATA PROCESSING BPA CF  
ETAC/USAF  
AIR WEATHER SERVICE/AC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13945 STATION FORT SILL OKLAHOMA/POST FLD 39-42.45-72 YEARS APR NORTH  
1200-1400 HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.6	2.0	3.8	2.0	.8	.1					0.9	13.5
NNE	.4	.6	2.1	2.7	1.3	.3						7.2	12.3
NE	.2	1.0	1.9	2.2	.6	.1						6.1	10.6
ENE	.1	.6	.8	.6	.1							2.2	9.0
E	.3	.9	1.4	.7	.2	.0	.0					3.5	8.8
ESE	.1	.5	1.4	1.0	.1							2.2	9.9
SE	.1	.9	2.5	2.9	.8	.4	.1	.0				7.7	12.3
SSE	.1	.6	1.2	3.7	2.1	1.0	.2					0.0	15.1
S	.5	.2	2.7	6.1	3.6	2.7	.7	.0				17.2	15.6
SSW	.0	.7	2.1	4.2	2.3	.9	.1					10.2	14.3
SW	.2	.8	2.0	2.1	.8	.4	.2	.0				6.7	12.6
WSW	.0	.5	.8	1.3	.3	.2						3.2	12.3
W	.1	.3	.5	.7	.5	.1	.0					2.3	12.4
WNW	.1	.2	.2	.4	.1	.2	.1	.0				1.4	13.7
NW	.1	.2	.7	1.5	.5	.3	.1					3.4	13.9
NNW	.1	.2	1.0	1.9	1.1	.5	.2					5.0	14.5
VARBL													
CALM												1.9	
	2.3	10.2	23.4	36.0	16.3	8.0	1.8	.1				100.0	13.0

TOTAL NUMBER OF OBSERVATIONS 2862

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 FORT SILL OKLAHOMA/POST FLD 39-42, 45-72 APR  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
1500-1700  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.1	2.5	4.1	1.5	.7	.1	.0				10.4	13.0
NNE	.1	.6	2.0	3.4	1.2	.2						7.3	12.4
NE	.2	.9	1.8	2.2	.3		.0					5.5	10.4
ENE	.3	.6	.9	.5								2.3	7.5
E	.3	.7	1.0	.8	.2	.0						3.0	9.2
ESE	.1	.5	1.2	.9	.2	.1	.0					3.1	10.6
SE	.3	.7	2.7	4.2	.9	.6	.2					9.5	12.8
SSE	.1	.5	2.0	3.1	2.8	2.0	.4	.1				13.1	15.9
S	.1	.9	2.6	5.9	3.4	2.5	.7					16.0	15.7
SSW	.2	.6	1.6	2.4	1.4	.8	.1					7.2	13.8
SW	.2	.7	1.6	1.4	.8	.2	.1					5.1	12.1
WSW	.1	.3	.8	.8	.3	.2						2.5	11.9
W	.0	.3	.8	.6	.2	.1						2.3	11.5
WNW	.1	.1	.4	.5	.3	.2						1.5	13.5
NW	.1	.3	.7	1.3	.6	.2	.1					3.2	13.7
NNW	.1	.5	1.0	2.0	.7	.6	.1					4.9	13.7
VARBL													
CALM												2.9	
	2.7	9.4	23.5	35.9	14.9	8.5	1.9	.1				100.0	12.9

TOTAL NUMBER OF OBSERVATIONS 2863

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/ AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42, 45-72  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

1800-2500  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	2.1	2.9	3.6	1.0	.6	.2					11.2	11.1
NNE	.2	1.2	2.9	2.5	.7	.1	.0					7.5	10.7
NE	.4	1.3	2.8	1.3	.1	.2						6.3	9.0
ENE	.4	1.0	.6	.4								2.3	6.7
E	.7	1.3	1.4	.5	.1							4.0	7.1
ESE	.4	1.2	1.8	1.2	.2	.1						4.9	9.2
SE	.5	2.0	5.0	5.3	1.9	.9	.1					15.8	11.7
SSE	.7	1.1	4.0	5.8	2.9	1.0	.1					15.8	12.9
S	.5	1.6	3.1	3.2	1.8	.7	.0	.0				11.1	11.9
SSW	.2	.4	.5	.8	.5	.1	.1	.0				2.7	12.1
SW	.3	.4	.7	.6	.3		.0					2.4	9.9
WSW	.1	.1	.2	.3	.1							.8	9.7
W	.2	.4	.4	.4	.1		.0					1.4	8.9
WNW	.1	.1	.1	.3	.1	.1	.0					.9	12.3
NW	.1	.4	.7	.7	.4	.3	.0					2.7	12.0
NNW	.1	.5	1.2	1.6	.4	.2	.0					4.0	12.0
VARBL													
CALM												6.3	
	6.0	15.2	28.5	28.3	10.7	4.2	.7	.1				100.0	10.4

TOTAL NUMBER OF OBSERVATIONS

2915



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FORT SILL OKLAHOMA/POST FLD STATION NAME 39-42,45-72 YEARS 2100-2300 MONTH HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.7	3.5	2.1	1.1	.5	.2					12.4	0.5
NNE	.7	1.5	2.4	1.6	.6	.2	.0	.0	.1			7.3	10.0
NE	.5	1.9	2.2	1.1	.2	.1						6.0	8.3
ENE	.5	.5	.6	.1								1.8	5.9
E	.9	1.5	1.2	.7	.0							4.3	6.9
ESE	.4	1.3	2.0	1.1	.2	.0						5.0	8.6
SE	.5	2.2	5.4	4.9	1.6	.7						15.3	11.2
SSE	.7	1.6	4.4	5.8	2.6	.3	.1			.0		15.5	12.1
S	.5	1.1	2.3	2.0	1.6	.6	.0	.0				8.9	12.4
SSW	.1	.2	.4	.3	.1	.1						1.3	10.6
SW	.3	.5	.5	.4	.1							1.8	8.5
WSW	.1	.3	.2	.0	.1	.0	.0					.8	9.1
W	.3	.2	.4	.3	.1							1.2	8.9
WNW	.1	.1	.3	.3	.1	.0	.0					.9	12.1
NW	.3	.5	.8	.7	.4	.2	.0					2.9	11.1
NNW	.7	.7	.9	.9	.4	.3	.1					3.9	10.5
VARBL													
CALM												10.6	
	8.0	17.8	27.4	23.3	9.1	3.1	.6	.1	.1	.0		100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 2816



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42,45-72  
YEARS

JAN  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	2.8	3.5	2.7	.6	.3	.0	.0				12.3	3.6
NNE	.5	1.1	1.4	1.1	.3		.1					4.5	3.9
NE	.8	1.2	1.3	.3	.1							4.0	7.1
ENE	.4	.6	.3	.1	.0							2.7	6.8
E	1.0	.9	1.3	.5	.0	.0						3.9	7.0
ESE	.7	1.7	1.4	.8	.0	.0						4.7	7.3
SE	1.7	2.8	5.3	2.8	.5	.2	.0					13.3	8.7
SSE	1.3	2.1	4.8	4.9	1.0	.2	.1					14.3	10.4
S	.8	2.4	4.4	4.1	1.3	.2						13.2	10.4
SSW	.2	.4	.5	.4	.3	.1						2.0	10.5
SW	.6	.6	.3	.3	.1	.1						2.0	6.9
WSW	.1	.2	.2	.2	.1							.8	9.4
W	.4	.7	.5		.0	.1						1.7	6.7
WNW	.1	.1	.1	.1			.0					.4	8.4
NW	.5	.6	.7	.4	.1	.1	.0					2.4	8.4
NNW	.4	.6	.5	.5	.2	.0		.0				2.5	9.0
VARBL													
CALM												16.0	
	11.9	18.6	27.5	19.4	4.8	1.3	.3	.1				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 2963

DATA PROCESSING  
FTAC/USAF  
AIR WEATHER SERVICE AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FORT SILL OKLAHOMA/POSS FLD 39-42,45-72 YEARS MONTH 0500-0500 HOURS (L.S.T.)  
CLASS ALL WEATHER  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.9	3.7	3.2	1.2	.2		.0				14.1	5.1
NNE	.5	.9	1.4	1.0	.4							4.2	6.0
NE	.7	1.2	1.3	.4	.2	.1						2.9	7.4
ENE	.2	.8	.7	.2	.1							2.4	6.9
E	.0	1.1	1.1	.3	.0							3.4	6.5
ESE	.5	1.1	1.2	.4								3.2	7.1
SE	1.6	3.1	4.4	1.9	.5	.1						11.5	8.1
SSE	1.1	2.9	4.6	3.6	.8	.1						13.3	8.4
S	1.1	1.9	3.8	3.2	1.1	.1						11.2	10.0
SSW	.4	.7	.6	.6	.2	.1						2.6	6.7
SW	.5	.7	.6		.1							2.0	6.3
WSW	.2	.2	.3	.2	.0							.9	7.4
W	.4	.4	.7	.1	.1	.0						1.8	7.2
WNW	.2	.2	.1	.0	.0	.1						.7	9.4
NW	.6	.5	.9	.8	.1	.1						2.5	9.0
NNW	.5	.5	.8	.9	.2	.0						2.9	9.0
VARBL													
CALM												19.6	
	11.1	20.1	26.7	16.4	5.1	1.0		.0				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 2956

DATA PROCESSING CENTER  
ETAC/USAF  
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FORT SILL OKLAHOMA/POST FLD STATION NAME 39-42,45-72 YEARS 0600-0800 MONTH 0600-0800 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.3	4.2	3.2	1.1	.3	.9					13.3	9.3
NNE	.5	1.3	1.2	1.9	.5	.2						5.8	10.4
NE	.5	1.4	1.7	.5	.1	.1						4.6	7.9
ENE	.5	.8	.7	.2								2.1	6.5
E	.3	1.5	1.6	.3	.0	.0						4.2	6.5
ESE	.5	.9	1.4	.3								3.2	6.8
SE	1.1	2.3	3.4	2.5	.5	.0						9.9	6.9
SSE	.5	2.3	4.1	3.8	1.4	.3						12.4	10.3
S	1.4	1.6	4.4	4.6	2.2	.4						14.5	11.3
SSW	.4	1.1	1.3	1.4	.6	.2	.1					5.1	10.7
SW	.5	.4	.8	.4	.5		.6					2.6	10.0
WSW	.2	.4	.5	.2	.1	.0						1.4	3.2
W	.3	.6	.9	.2	.1							1.7	7.3
WNW	.1	.1	.1	.1	.1							.5	3.9
NW	.2	.3	1.3	.3	.2							2.0	9.1
NNW	.2	.4	.9	.7	.2	.1	.1					2.6	10.7
VARBL												14.0	
CALM													
	10.4	17.8	27.9	20.7	7.7	1.8	.2					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 2961

DATA PROCESSING  
ETAC/USAF  
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 FORT SILL KLAHOMA/POST FLD 39-42,45-72 DAY  
STATION STATION NAME YEARS NORTH  
ALL WEATHER CLASS 0900-1100  
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.6	2.4	3.8	1.5	.3	.1					10.2	11.4
NNE	.2	.9	1.6	2.0	.7	.4						6.1	11.1
NE	.2	1.6	1.9	.9	.3	.0						4.4	8.8
ENE	.3	.5	.9	.5	.1							2.3	8.3
E	.5	1.1	2.1	.5	.0	.0						4.3	7.6
ESE	.2	.9	1.3	.5	.1							3.1	8.4
SE	.2	1.1	2.2	2.3	.7	.2						6.8	11.2
SSE	.5	1.4	2.6	3.7	1.6	.5	.1					10.4	12.1
S	.6	1.8	5.5	7.1	3.6	2.1	.2					21.1	13.5
SSW	.2	1.1	2.3	3.3	1.9	.8	.1					10.2	13.0
SW	.3	.8	2.2	1.7	1.5	.4						6.9	12.2
WSW	.3	.6	.5	.5	.2	.2						2.7	10.5
W	.2	.3	.5	.6	.1	.1						1.8	10.3
WNW		.1	.1	.4	.1	.0						.7	13.1
NW	.1	.6	.2	.7	.1	.1	.0					1.9	10.5
NNW	.1	.4	.9	1.0	.2	.1	.1					2.7	11.2
VARBL													
CALM												4.4	
	5.2	14.4	27.6	29.7	12.7	5.3	.6					100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 2959

DATA PROCESSING  
ETAC/USAF  
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42,45-72  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (L.E.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.2	2.2	2.8	1.4	.2	.0					3.4	11.4
NNE	.1	.8	1.4	2.6	.7	.1						5.7	11.8
NE	.2	1.0	2.1	1.2	.1	.0						4.8	8.9
ENE	.2	1.0	1.1	.8	.1							3.2	3.4
E	.3	1.0	1.4	.7	.0							3.4	3.1
ESE	.2	.8	1.4	.9	.2	.1						3.5	9.5
SE	.4	1.4	2.3	2.8	.9	.4	.0	.0				8.7	11.3
SSE	.4	1.0	3.5	4.9	2.2	.8	.1					12.8	13.3
S	.6	1.0	5.6	8.3	3.8	2.0	.3					22.6	13.5
SSW	.2	.6	2.0	2.8	1.1	1.0	.2					8.0	14.1
SW	.2	.7	1.9	1.6	1.0	.5	.2					6.3	12.3
WSW	.1	.5	.8	.5	.2	.1						2.3	10.3
W	.3	.5	.3	.6	.2	.0						1.9	9.5
WNW	.1	.1	.2	.1	.1	.0						.7	13.4
NW	.3	.3	.5	.6	.3		.1					2.1	10.5
NNW	.2	.4	1.0	1.0	.3	.1	.1					3.0	11.1
VARBL													
CALM												2.9	
	4.4	13.2	28.1	32.2	12.7	5.4	1.1	.0				100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 2962

DATA PROCESSING OF  
ETAC/USAF  
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945      FORT SILL OKLAHOMA/POST FLD      39-42, 45-72      DAY  
STATION      STATION NAME      YEARS      MONTH  
ALL WEATHER      1500-1700  
CLASS      HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.3	2.6	3.2	.8	.4		.0				9.1	11.2
NNE	.1	.7	1.3	1.7	.5	.3						5.2	11.3
NE	.2	.7	2.1	1.1	.5							4.2	9.1
ENE	.3	.8	1.3	.6	.2	.0						3.2	8.7
E	.3	1.4	1.7	.8	.2	.0						4.9	7.9
ESE	.2	.8	2.1	1.5	.3	.1						5.1	10.1
SE	.4	1.3	3.6	4.8	1.3	.6	.1					12.7	12.0
SSE	.5	1.3	3.5	6.4	3.6	1.5	.3					17.2	14.1
S	.3	1.4	3.7	7.1	3.5	2.3	.3	.0				19.9	14.1
SSW	.2	.5	1.3	1.5	.8	.6	.1					5.0	12.6
SW	.3	.6	1.1	1.0	.5	.3	.0					3.9	11.6
WSW	.2	.2	.3	.2	.2	.1						1.2	11.2
W	.1	.2	.8	.4	.1	.1		.0				1.7	10.4
WNW	.0	.1	.3	.3	.0							.7	10.5
NW	.1	.2	.7	.7	.2	.0						1.9	10.5
NNW	.1	.3	.5	.9	.1	.1	.1					2.1	12.2
VARBL													
CALM												3.6	
	4.6	11.7	27.7	32.2	12.7	6.4	.8	.1				100.0	11.7

TOTAL NUMBER OF OBSERVATIONS      2959



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FORT SILL OKLAHOMA/POST FLD 39-42,45-72 YEARS MAY  
1800-2000 HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.4	3.1	2.1	.2	.3	.1					7.9	9.9
NNE	.4	.7	2.1	1.3	.2	.1						5.0	9.8
NE	.7	1.7	2.3	.9	.1	.1						5.7	8.0
ENE	.4	1.1	.9	.3	.0							2.7	6.9
E	.8	2.0	2.3	.8	.0							5.8	7.0
ESE	.5	1.9	2.9	1.7	.4	.1						7.3	9.0
SE	.9	3.1	6.3	5.7	1.2	.6	.1					17.9	10.4
SSE	.7	2.6	5.0	6.6	2.5	1.0	.2					18.8	12.1
S	.6	2.2	3.7	3.9	1.8	.7	.1		.0			13.0	11.8
SSW	.2	.3	.3	.4	.2	.1						1.7	10.2
SW	.1	.4	.7	.3	.1							1.6	9.0
WSW	.2	.2	.2	.2	.0	.0						.8	8.4
W	.1	.3	.3	.1								.9	7.1
WNW	.1	.2	.3	.2	.0							.7	8.2
NW	.1	.2	.4	.2	.0	.0						1.0	8.6
NNW	.2	.2	.8	.5			.0					1.8	9.6
VARBL													
CALM												7.3	
	6.7	18.5	31.5	25.3	7.0	3.1	.5		.0			100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 2969

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/IAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42,45-72  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.7	3.3	2.1	.4	.3						10.0	8.6
NNE	.5	1.0	1.8	1.3	.1	.1						4.8	8.7
NE	.7	1.4	1.9	.8	.2	.1						5.1	8.1
ENE	.4	.8	.9	.2								2.4	6.5
E	1.0	2.2	1.7	.7	.1	.1						5.8	6.9
ESE	1.2	2.1	2.6	1.3	.2							7.2	7.7
SE	1.1	3.4	6.7	5.1	1.5	.3	.0					18.1	10.0
SSE	1.5	2.6	5.0	5.3	1.7	.6	.1	.1				17.0	10.8
S	.7	1.4	2.9	3.3	1.2	.5		.0				10.1	11.4
SSW	.2	.2	.2	.5	.1	.1						1.4	10.8
SW	.2	.3	.0	.2	.1	.0						.9	9.4
WSW	.1	.1	.2	.0	.1			.0				.5	11.7
W	.4	.4	.2	.1	.0							1.1	6.4
WNW	.1	.2	.1	.1		.0						.5	8.0
NW	.3	.4	.4	.1	.2	.0	.0					1.5	8.8
NNW	.1	.7	.6	.2	.1	.0	.1	.0	.0			1.9	10.2
VARBL													
CALM												11.6	
	9.7	20.0	28.4	21.5	6.0	2.2	.3	.2	.0			100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 2958



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42.45-72  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.3	2.2	1.7	1.0	.2	.0						6.5	7.2
NNE	.2	1.1	1.2	.7	.1							3.4	8.6
NE	.7	1.2	1.0	.3	.1	.0						3.4	6.6
ENE	.5	.8	.4	.1								1.9	5.8
E	1.2	1.3	.9	.4	.1							3.9	6.2
ESE	1.4	1.7	1.6	.9			.0					5.3	7.2
SE	2.4	4.1	7.0	4.2	.7	.1	.0					18.1	8.7
SSE	1.7	3.1	6.7	6.6	1.5	.2						19.9	10.1
S	1.3	2.3	4.2	4.9	1.4	.5	.1					14.8	10.9
SSW	.6	.4	.5	.8	.2	.0						2.5	9.2
SW	.2	.3	.7	.4								1.6	8.1
WSW	.1	.1	.1	.0								.4	6.1
W	.2	.2	.2	.1	.1	.0						.9	8.1
WNW	.1	.2	.1	.1	.0							.5	8.1
NW	.4	.4	.5	.1	.2							1.6	8.0
NNW	.1	.3	.5	.4								1.3	9.3
VARBL													
CALM												14.1	
	11.7	19.6	27.5	21.2	4.8	1.0	.2					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 2830

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42, 45-72  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	3.1	2.1	1.2	.3	.1						2.9	7.1
NNE	.6	1.3	1.0	.5	.1							3.5	7.0
NE	.6	1.3	1.0	.3		.0						3.3	6.6
ENE	.4	.6	.7	.1	.0							1.8	6.7
E	1.1	1.1	.7	.2	.0							3.0	5.6
ESE	1.0	1.3	1.1	.4								3.8	6.1
SE	1.6	3.4	5.5	2.2	.6	.1	.0					13.4	8.3
SSE	1.2	2.5	6.0	5.2	1.0	.2	.0					16.2	9.9
S	1.7	3.4	5.2	5.5	1.1	.2						17.0	9.7
SSW	.4	.6	.8	.8	.1		.0					2.8	9.2
SW	.2	.2	.6	.2	.0	.0						1.4	8.2
WSW	.1	.2	.1	.1	.0							.6	6.6
W	.3	.3	.4	.1	.0	.0						1.4	6.3
WNW	.1	.1	.2	.2	.0			.0				.7	10.6
NW	.2	.7	.5	.2	.1	.0	.0					1.7	8.6
NNW	.5	.5	.4	.4	.2		.0					2.1	8.6
VARBL													
CALM												18.3	
	11.9	21.0	26.3	17.7	3.7	.8	.2	.0				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 2829

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/1AC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42,45-72  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	2.9	2.7	1.5	.3	.1	.0					9.1	7.8
NNE	.6	1.3	1.6	1.2	.2							5.0	8.6
NE	.5	.6	1.3	.8	.0							3.3	8.0
ENE	.3	.5	.4	.4	.0							1.6	7.2
E	.9	.8	.9	.2	.0							2.9	5.8
ESE	.7	.8	1.2	.3								3.1	6.6
SE	1.2	2.1	3.5	1.7	.5	.1						9.1	8.5
SSE	.9	2.5	4.5	4.7	1.5	.4	.0					14.5	10.5
S	1.2	2.6	6.1	7.3	2.6	1.0	.0					21.1	11.6
SSW	.4	1.2	1.9	2.1	1.2	.5	.1					7.3	12.1
SW	.6	.9	1.0	1.0	.2	.1						3.9	9.4
WSW	.1	.2	.2	.3	.0	.1						1.0	10.0
W	.4	.2	.3									1.0	5.0
WNW		.1	.1	.1								.3	8.3
NW	.1	.3	.4	.2	.1	.0						1.2	9.2
NNW	.1	.4	.7	.4	.2	.0	.0					1.9	10.3
VARBL													
CALM												13.8	
	9.9	17.5	26.7	22.2	7.2	2.4	.2					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 2824

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42,45-72  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.3	2.0	1.5	.4	.0						5.6	9.4
NNE	.2	.7	1.6	.8	.3	.1						3.8	9.6
NE	.5	.8	1.3	.6	.2	.0						3.4	8.4
ENE	.4	.7	1.1	.4	.0							2.5	7.6
E	.7	1.2	1.2	.5	.1							3.7	7.0
ESE	.5	.8	1.1	.4	.1	.0						2.9	7.9
SE	.7	1.5	2.1	2.4	.5							7.2	9.3
SSE	.5	1.6	3.4	3.4	1.3	.5						10.7	11.3
S	.8	2.3	6.6	9.1	3.7	1.7	.2					24.3	12.8
SSW	.5	1.6	3.7	5.2	3.3	1.2	.3					15.8	13.3
SW	.5	1.1	2.2	2.6	1.7	.9	.1					9.1	12.9
WSW	.3	.4	.5	.6	.3	.2						2.3	10.9
W	.2	.4	.5	.4								1.5	7.6
WNW		.1	.1	.1								.4	7.5
NW	.1	.2	.2	.2	.1							.8	9.7
NNW	.0	.3	.6	.5	.2	.0						1.7	10.9
VARBL													
CALM												4.4	
	6.2	15.1	28.3	28.4	12.1	4.8	.6					100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 2826

DATA PROCESSING DR-4-Cb  
ETAC/USAF  
AIR WEATHER SERVICE/AC

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

13945      FORT SILL OKLAHOMA/POST FLD      39-42,45-72      JUN  
STATION      STATION NAME      YEARS      MONTH  
ALL WEATHER  
CLASS  
CONDITION  
1200-1400  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.9	1.7	1.3	.3	.0		.0				4.6	9.7
NNE	.2	.7	1.1	.8	.2	.0						2.9	9.3
NE	.5	1.1	1.7	.5	.1	.1						3.9	8.0
ENE	.2	.8	.9	.5	.1	.0						2.5	8.3
E	.6	1.1	1.9	.8	.1	.0						4.7	7.9
ESE	.2	1.0	1.4	.8	.1							3.5	8.8
SE	.4	1.8	3.7	3.5	.9	.1						10.4	10.4
SSE	.4	1.2	3.5	5.9	3.0	.8	.0					15.0	13.0
S	.5	1.7	7.0	9.7	5.3	2.7	.3					27.1	13.8
SSW	.5	1.0	2.7	3.3	1.6	1.3	.2					10.6	13.6
SW	.5	.8	1.6	1.3	.7	.5	.0					5.4	11.7
WSW	.1	.3	.3	.3	.1	.1						1.3	10.3
W	.2	.5	.2	.1								1.0	6.2
WNW		.2	.2	.1								.5	7.8
NW	.2	.3	.4	.2	.1							1.2	8.5
NNW	.2	.4	.7	.6	.2							2.0	9.8
VARBL													
CALM												3.4	
	5.0	13.7	29.0	29.7	12.8	5.8	.6	.0				100.0	11.3

TOTAL NUMBER OF OBSERVATIONS      2827



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 FORT SILL OKLAHOMA/POST FLD 39-42,45-72 JUN  
STATION STATION NAME YEARS MONTH  
ALL WEATHER 1500-1700  
CLASS HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.8	1.8	1.4	.2	.1	.0					4.8	10.0
NNE	.2	.6	1.0	.5	.1							2.3	8.7
NE	.4	1.2	.9	.7	.1	.0						3.2	8.0
ENE	.1	1.0	1.2	.5	.0							2.8	7.9
E	.7	1.0	2.4	1.0	.2							6.0	8.1
ESE	.2	1.0	2.3	1.3	.3							5.1	9.2
SE	.2	1.9	4.4	5.8	2.2	.4						15.0	12.0
SSE	.4	1.3	4.2	10.1	4.9	1.1	.1					22.1	13.8
S	.7	1.9	4.4	8.3	5.0	2.9	.5			.0		23.6	14.4
SSW	.1	.6	1.4	1.5	.5	.4	.0					4.5	12.3
SW	.1	.5	1.1	.7	.3	.2	.1					3.0	11.7
WSW	.1	.2	.2	.1	.0	.0						.6	8.9
W	.1	.1	.2	.4								.8	9.7
WNW	.0	.0	.1	.0								.2	8.4
NW	.1	.2	.4	.5	.1							1.2	9.7
NNW	.0	.5	.2	.8	.1							1.6	10.0
VARBL													
CALM												3.1	
	3.8	13.4	26.0	33.6	14.1	5.2	.8			.8		100.0	11.7

TOTAL NUMBER OF OBSERVATIONS 2832

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42,45-72  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.1	1.7	.9	.1	.1						4.5	8.5
NNE	.1	.6	1.1	.7	.0							2.6	8.7
NE	.6	1.4	1.3	.4	.1	.0						3.8	7.3
ENE	.4	1.4	.8	.2	.0	.0						2.9	6.7
E	1.0	2.6	3.1	.6	.1	.0						7.5	6.9
ESE	.8	1.8	4.1	1.8	.4							8.9	8.6
SE	.8	3.3	7.7	8.8	2.0	.3	.1					22.9	10.9
SSE	.4	2.0	6.0	9.3	3.3	.6	.1					21.8	12.4
S	.7	1.6	4.3	5.3	2.4	.8	.1	.1				15.3	12.4
SSW	.2	.4	.5	.6	.2	.1	.0					2.1	10.8
SW	.1	.4	.3	.2	.1							1.1	8.1
WSW		.0	.1	.0								.1	9.3
W	.1	.2	.3	.0	.0		.0					.7	8.7
WNW	.1		.1	.0	.0							.2	10.0
NW	.1	.2	.2	.1								.6	7.2
NNW	.3	.3	.3	.3	.0	.0						1.2	8.2
VARBL													
CALM												4.0	
	6.3	17.1	31.3	29.4	8.8	2.1	.4	.1				100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 2832



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 FORT SILL OKLAHOMA/POST FLD 39-42,45-72 JUN  
STATION NAME YEARS MONTH  
ALL WEATHER CLASS 2100-2300  
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.7	2.0	.6	.2	.1	.0					5.8	7.6
NNE	.2	.8	.8	.5	.0	.1						2.5	8.0
NE	.7	1.4	1.0	.3	.0	.0						3.4	6.3
ENE	.3	1.1	.8	.2								2.7	5.9
E	1.2	1.9	2.0	.2	.1	.0						5.6	6.3
ESE	1.2	2.3	3.1	1.4	.1	.0						8.1	7.6
SE	1.9	5.6	9.1	7.1	1.4	.2	.0					25.4	9.4
SSE	1.1	3.7	5.9	7.6	2.3	.7		.1				21.4	11.1
S	.6	1.5	3.2	2.5	.5	.5	.1	.0				10.3	11.6
SSW	.2	.3	.4	.4								1.4	8.9
SW	.4	.2	.0	.1		.0						.9	8.4
WSW	.1		.1	.2		.0						.4	11.0
W	.1	.2	.2	.2		.0						.7	9.1
WNW		.0	.2			.0						.2	10.6
NW	.1	.2	.5	.1	.0	.0	.0					1.1	9.1
NNW	.1	.4	.6	.1	.0							1.2	7.4
VARBL													
CALM												9.1	
	9.7	21.4	29.7	21.6	6.4	1.8	.2	.1				100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 2828

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41, 45-46, 48-72  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.3	1.7	.2	.0							6.7	5.5
NNE	.4	1.0	.8	.3	.0	.0						2.6	6.9
NE	.7	1.2	.6	.3	.0							2.8	6.3
ENE	.7	.5	.1	.3	.0		.0					1.6	6.5
E	1.2	1.6	1.2	.3								4.6	5.8
ESE	.8	1.4	1.6	.4	.1							4.3	6.8
SE	2.7	5.3	7.4	2.3	.2							18.0	7.2
SSE	2.7	5.4	6.1	4.1	.6	.0						19.0	8.0
S	1.9	4.4	5.2	3.5	.7	.1	.0					15.8	8.5
SSW	.5	.9	.6	.5	.2	.1						2.9	8.1
SW	.5	.6	.5	.5	.1	.0						2.3	7.7
WSW	.1		.1	.1								.3	7.6
W	.0	.1	.4	.1	.0		.0	.0				.7	10.9
WNW		.0	.1	.0								.2	9.6
NW	.1	.2	.1	.0								.4	5.9
NNW	.2	.2	.0	.1	.1							.7	6.8
VARBL													
CALM												17.1	
	14.1	26.3	26.8	13.0	2.2	.3	.1	.0				100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 2735

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/RAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,45-72  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.5	2.7	2.3	.6	.1	.0						7.7	6.3
NNE	.5	1.1	1.2	.4	.1							3.0	7.1
NE	.5	1.1	1.5	.2	.0	.0						3.2	6.2
ENE	.3	.5	.5	.1								1.4	6.7
E	1.0	1.4	1.2	.1	.0							3.8	5.8
ESE	.3	1.2	.8	.3								3.0	6.1
SE	2.0	4.6	5.0	1.0								12.5	6.6
SSE	3.5	4.3	4.6	2.3	.1							14.9	6.7
S	3.0	4.3	3.9	2.7	.4	.0	.1					14.3	7.4
SSW	.9	.5	.4	.6	.1							2.5	6.9
SW	1.0	.8	.6	.3	.1							2.7	5.9
WSW	.2	.2	.1	.1								.7	6.5
W	.4	.3	.1	.1								1.0	5.4
WNW		.0		.0								.1	8.5
NW	.1	.3	.1	.1	.0	.0						.6	7.8
NNW	.3	.5	.1	.1								1.1	5.5
VARBL													
CALM												27.4	
	16.7	23.8	21.6	9.1	1.0	.1	.1					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 2791

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/4AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,45-72  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.2	2.6	.7	.2	.0						7.0	6.9
NNE	.5	1.1	1.5	.7	.0							3.9	7.5
NE	.4	1.2	1.6	.6								2.7	7.3
ENE	.5	.6	.7	.3	.1							2.2	7.1
E	.7	1.3	1.3	.2								3.2	5.9
ESE	.7	.9	.6	.4	.1							2.7	6.6
SE	1.5	3.6	3.2	1.3	.1							9.8	7.0
SSE	1.6	3.5	3.5	2.2	.3	.1						11.5	7.7
S	3.0	4.6	5.6	3.5	.6	.2						17.6	8.1
SSW	1.3	1.2	2.3	2.7	.6	.1						8.3	9.7
SW	.8	1.6	2.2	1.2	.2	.0						6.0	8.3
WSW	.2	.4	.2	.4	.1							1.3	8.6
W	.2	.1	.2	.2	.0							.9	8.1
WNW	.0											.0	3.0
NW	.1	.1	.1	.1		.0						.4	8.8
NNW	.2	.4	.4	.2	.0	.0						1.3	7.7
VARBL													
CALM												20.0	
	13.3	22.8	25.7	14.9	2.7	.6						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 2817

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION PORT SILL OKLAHOMA/POST FLD STATION NAME 39-41,45-72 YEARS JUL MONTH  
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.9	1.7	.8		.0						3.8	8.3
NNE	.4	.8	1.2	.9	.1							3.5	8.9
NE	.5	1.4	1.6	.7								4.2	7.5
ENE	.6	.7	1.5	.6		.0						2.3	7.9
E	.8	1.0	1.3	.6	.1							3.8	7.2
ESE	.5	.8	.7	.4	.1							2.4	7.3
SE	.6	1.6	2.2	1.9	.2	.0						6.5	8.9
SSE	.4	1.7	3.1	2.3	.5	.1						8.1	9.7
S	1.2	3.8	6.5	5.1	1.0	.6						18.1	9.8
SSW	.7	2.7	5.9	6.2	2.2	.3	.0					17.9	11.0
SW	.9	1.9	5.4	4.1	1.5	.3						14.2	10.6
WSW	.1	.7	1.6	1.5	.6	.0						4.5	10.9
W	.2	.5	.8	.4	.1	.0						2.1	9.0
WNW	.0	.1	.2									.3	7.1
NW	.1	.2	.2	.1								.7	6.6
NNW	.0	.1	.4	.2	.1							.8	9.5
VARBL													
CALM												5.9	
	7.2	18.8	34.3	25.9	6.4	1.5	.0					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 2826



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 FORT SILL OKLAHOMA/POST FLD 39-41,45-72 JUL  
STATION MONTH  
ALL WEATHER 1200-1400  
CLASS HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.2	1.3	.8	.1							3.8	8.2
NNE	.4	1.2	1.7	.8	.0							4.1	8.1
NE	.4	1.3	1.9	.5	.1							4.2	7.8
ENE	.3	.7	1.1	.7								2.8	8.1
E	1.2	1.8	1.5	.6	.1							5.7	6.8
ESE	.5	2.0	1.4	.4	.1							4.5	7.0
SE	.7	1.9	3.5	2.8	.5	.0						9.5	9.5
SSE	.5	1.8	4.7	3.8	1.1	.1						12.0	10.4
S	1.0	3.5	7.5	7.0	2.3	.7						22.0	10.8
SSW	.5	1.6	4.1	5.0	1.7	.5						13.3	11.5
SW	.2	1.3	3.2	1.8	.6	.2						7.3	10.2
WSW	.4	.6	1.0	.8	.2	.1	.0					3.1	9.5
W		.5	.6	.3	.1							1.5	8.9
WNW		.2	.2	.1								.5	8.7
NW	.1	.1	.2	.1								.5	6.9
NNW	.1	.2	.2	.1								.7	7.7
VARBL													
CALM												4.4	
	6.6	19.8	34.6	25.8	7.0	1.6	.0					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 2832

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,45-72  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.9	1.1	.7	.2							3.2	8.8
NNE	.1	.7	1.1	.4	.1	.0						2.4	8.8
NE	.4	1.5	2.7	.8	.1	.0						5.6	8.2
ENE	.3	1.1	1.6	.7	.1							3.6	7.9
E	1.1	2.4	2.7	1.4	.1							7.6	7.5
ESE	.4	1.8	2.3	1.5	.2							6.2	6.7
SE	.6	2.7	5.6	4.1	1.4	.1						14.5	10.2
SSE	.4	2.2	5.5	6.2	2.4	.2						17.0	11.3
S	.4	3.0	6.9	7.1	2.8	.7						20.8	11.5
SSW	.1	1.1	2.2	2.3	1.7	.2	.0					7.6	12.1
SW	.1	.6	1.4	1.4	.3	.1		.0				3.8	11.1
WSW	.0	.2	.3	.4	.1	.1						1.2	11.1
W	.2	.2	.3	.1	.1							.9	8.7
WNW	.0	.1	.0	.1								.3	6.8
NW		.3	.2	.1		.0						.6	8.7
NNW	.1	.2	.2	.2								.8	7.7
VARBL													
CALM												3.8	
	4.6	19.0	34.2	27.3	9.6	1.5	.0	.0				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 2635



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13945  
STATION

FERT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,45-72  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.9	.9	.3	.1	.0						2.7	7.4
NNE	.4	.5	1.0	.4	.1							2.4	8.3
NE	.5	2.0	1.8	.5	.1							4.9	7.0
ENE	.5	1.3	1.3	.3	.0							3.5	6.9
E	1.2	3.4	3.7	.9	.1							9.2	6.9
ESE	1.1	2.9	3.6	1.3	.2							9.1	7.5
SE	1.3	4.1	9.5	7.1	1.0	.1						23.1	9.6
SSE	.9	2.9	6.9	6.8	1.1	.1						18.8	10.2
S	.5	2.2	6.7	4.9	1.2	.1		.0				15.7	10.4
SSW	.1	.6	.7	.7	.4							2.6	10.7
SW	.1	.2	.8	.4		.0						1.5	9.1
WSW	.0	.1	.1	.1	.1							.5	10.8
W	.1	.1	.1	.2	.1							.7	11.1
WNW	.0											.0	3.0
NW		.1	.1	.0	.0	.0						.4	9.7
NNW	.0	.1	.1	.1								.4	8.5
VARBL													
CALM												4.5	
	7.2	21.6	37.5	24.1	4.7	.4		.0				100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 2921

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/ IAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

F. RT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,45-72  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	1.9	1.0	.3	.0							4.0	6.0
NNE	.5	.8	.5	.5	.0	.0						2.3	7.3
NE	1.0	2.3	1.1	.1	.1	.0						4.8	5.9
ENE	.5	1.3	.5	.1		.0						2.3	5.6
E	1.8	2.3	2.9	.3								7.3	6.1
ESE	1.1	2.7	2.8	.8	.1	.0						7.5	7.0
SE	2.4	7.3	11.4	4.4	.6	.0						26.1	8.1
SSE	2.0	4.4	8.1	5.2	.8							20.4	8.8
S	.6	1.9	4.6	3.0	.6							10.8	9.5
SSW	.2	.4	.3	.3	.0	.0						1.3	7.7
SW	.1	.4	.8	.3	.0	.0						1.6	8.7
WSW				.1	.1	.0						.3	15.9
W	.1	.1	.1									.3	6.3
WNW	.0	.1										.1	4.7
NW	.0	.2	.0	.1								.4	7.0
NNW	.0	.3	.2	.1	.0		.0					.7	9.3
VARBL													
CALM												10.1	
	11.1	26.2	34.3	15.5	2.4	.3	.0					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 2799

DATA PROCESSING BR/CF  
ETAC/USAF  
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41, 44-46, 48-72  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.1	2.5	2.4	.7	.0							7.8	6.1
NNE	.8	.5	1.3	.4	.0							4.0	6.7
NE	.9	1.3	1.1	.2	.1							3.7	5.9
ENE	.6	.5	.5	.2	.0							1.8	6.0
E	1.8	1.5	1.4	.2								4.9	5.5
ESE	.9	1.8	1.9	.3	.0							5.0	6.5
SE	2.6	5.6	7.1	1.9	.2							17.4	7.0
SSE	2.6	3.0	5.7	3.4	.3							13.0	8.1
S	2.1	2.8	3.7	2.3	.5	.0						11.3	7.9
SSW	.3	.3	.6	.3	.1							1.7	7.9
SW	.6	.4	.3	.1	.0							1.7	5.9
WSW	.1	.1	.1									.2	5.9
W	.2	.1	.2	.0								.5	5.9
WNW	.0	.1	.1	.0								.2	6.5
NW	.3	.5	.3	.1								1.1	5.7
NNW	.3	.2	.3	.2								1.0	6.3
VARBL													
CALM												22.7	
	16.2	22.2	27.1	10.5	1.3	.0						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 2875

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13945  
STATION

FORT SILL OKLAHOMA/PDST FLD  
STATION NAME

39-41,44-72  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	3.4	2.2	1.1	.2							9.4	6.3
NNE	.8	1.6	1.6	.5	.1							4.6	5.8
NE	.7	1.3	.7	.2	.0							2.9	6.0
ENE	.6	.4	.3	.2	.1							1.5	6.2
E	1.4	1.3	.8	.2								3.7	5.0
ESE	.9	1.5	1.4	.2								4.0	5.8
SE	3.2	5.0	3.5	.9	.0							12.7	5.9
SSE	2.8	3.4	3.9	1.7	.1							11.9	6.8
S	2.4	2.7	3.7	1.8	.1							10.7	7.1
SSW	.9	.7	.5	.4								2.4	6.1
SW	.6	.3	.3	.1	.0		.0					1.5	6.1
WSW	.1	.1	.1	.0								.3	6.9
W	.2	.2	.3	.2								.9	7.4
WNW	.0	.0										.1	3.0
NW	.1	.3	.2	.1								.7	6.1
NNW	.2	.4	.2	.2	.1							1.1	8.2
VARBL													
CALM												31.9	
	17.3	22.5	19.7	7.8	.7		.0					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 2936

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/JAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION F. RT SILL OKLAHOMA/POST FLD 39-41, 44-72 YEARS AUG  
STATION NAME MONTH  
ALL WEATHER CLAS 0600-0800  
CONDITION HOUR (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.9	2.7	1.0	.3	.0						9.1	6.7
NNE	1.0	1.1	1.5	.9	.1	.0						4.7	7.5
NE	1.1	.9	1.0	.4								3.5	6.2
ENE	.4	.4	.5	.1	.0							1.4	6.3
E	1.1	.8	1.0	.3	.0							3.2	6.1
ESE	1.2	.7	1.4	.7	.0							4.0	6.9
SE	2.6	3.7	3.6	.9	.1							16.9	6.2
SSE	1.8	3.4	4.3	2.0	.2							11.7	7.5
S	2.5	3.4	4.2	2.4	.5							13.1	7.7
SSW	.5	1.3	1.7	1.8	.5	.0						5.8	9.6
SW	.6	.6	1.3	.7	.2	.0						3.7	8.5
WSW	.1	.1	.3	.2		.0						.7	9.5
W	.2	.2	.2	.1		.0						.7	7.8
WNW	.2	.0	.0									.2	3.4
NW	.2	.3	.3	.1								1.0	6.7
NNW	.2	.3	.2	.2	.1							1.0	8.2
VARBL													
CALM												25.3	
	15.8	20.5	24.3	11.9	2.1	.2						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 2963



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.5	1.2	1.8	1.0	.4	.1						4.9	9.3
NNE	.5	.9	1.6	1.0	.2							4.1	8.6
NE	.6	1.7	1.9	1.1	.1							5.3	7.7
ENE	.4	.8	.9	.4								2.5	7.3
E	.7	1.4	1.1	.4	.1							3.7	6.5
ESE	.5	1.0	1.2	.4	.0							3.2	7.2
SE	1.1	2.2	2.2	1.6	.2	.0						7.3	8.0
SSE	.7	2.1	3.9	2.3	.4	.1						9.3	9.1
S	1.6	3.3	5.8	4.8	.9	.0						16.5	9.3
SSW	.7	2.5	5.2	5.3	2.1	.4						16.2	11.0
SW	1.0	1.4	4.1	3.9	1.8	.2						12.4	10.9
WSW	.3	.6	1.0	1.2	.2	.1						3.4	10.1
W	.2	.3	.8	.4	.2	.2						2.0	10.9
WNW	.1	.1	.1	.0								.3	5.8
NW	.1	.2	.2	.1	.0							.6	7.4
NNW	.0	.2	.3	.1	.0	.1						.7	10.5
VARBL													
CALM												7.4	
	9.1	19.9	32.0	23.9	6.5	1.2						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 257

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/ IAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

F. RT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.0	2.6	.8	.4	.1						5.4	9.2
NNE	.4	.7	1.2	.7	.1	.1	.0					3.4	8.9
NE	.5	1.2	1.8	1.0	.2							4.6	8.2
ENE	.2	.9	.7	.3								2.2	6.9
E	.9	1.3	2.7	.4								5.4	7.0
ESE	.8	1.1	1.9	.8	.1	.0						4.8	7.5
SE	.8	2.4	3.9	2.7	.3	.2	.0					10.3	9.1
SSE	.7	2.5	3.8	4.3	.6	.1						11.9	9.7
S	1.7	3.4	5.9	5.8	1.3	.3						18.4	9.9
SSW	.6	1.8	3.5	4.3	1.6	.3						12.1	11.2
SW	.7	1.7	2.7	2.9	1.1	.3						9.3	10.8
WSW	.4	.6	.6	.4	.1	.1						2.2	8.6
W	.3	.5	.9	.4	.1	.1						2.3	9.1
WNW	.1	.2	.1	.0								.4	5.2
NW	.2	.3	.2	.1								.7	6.6
NNW	.3	.1	.3	.2								.9	6.8
VARB													
CALM												5.6	
	9.3	19.7	32.8	25.2	5.9	1.5	.1					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 2966



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	1.2	1.8	.9	.4							4.7	8.5
NNE	.5	1.0	2.0	1.1	.0	.0						4.7	8.4
NE	.3	1.5	2.3	.7	.1							5.5	7.5
ENE	.4	.8	1.3	.6	.1							3.2	8.0
E	1.0	1.6	3.3	.8	.1							6.9	7.6
ESE	.7	1.9	2.3	2.0	.0							6.9	8.1
SE	.8	2.6	5.6	4.8	.5							14.3	9.7
SSE	1.0	2.1	4.4	5.4	1.3	.2						14.4	10.6
S	1.2	2.3	6.3	5.9	2.1	.2						18.0	10.7
SSW	.3	1.2	1.6	2.5	1.1	.1						6.9	11.3
SW	.3	.6	1.6	1.1	.6	.2						4.4	11.0
WSW	.1	.1	.7	.3	.1	.1	.0					1.5	11.3
W	.6	.3	.4	.3	.2	.0						1.9	7.8
WNW		.0	.0									.1	7.5
NW	.1	.2	.2	.2	.0							.7	8.7
NNW	.1	.3	.2	.2	.1							.8	7.9
VARBL													
CALM												5.2	
	8.4	18.0	34.0	26.7	6.7	.9	.0					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 2970

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 FORT SILL OKLAHOMA/POST FLD 39-41,44-72 AUG  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
1800-2000  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	.9	1.2	.5	.2							3.3	8.1
NNE	.5	1.0	1.5	.8	.2	.0						4.1	8.3
NE	.7	1.5	1.8	.6	.0							4.4	6.9
ENE	.8	1.7	1.8	.7	.0							5.1	6.9
E	1.8	3.8	3.6	.5	.1							9.8	6.4
ESE	1.4	2.5	4.4	1.6	.2	.0						10.1	7.7
SE	1.9	3.9	8.7	5.7	.5	.2					.0	20.9	9.1
SSE	1.2	2.3	5.1	4.9	.8	.1		.0				14.4	9.7
S	1.1	2.3	4.5	4.3	.6	.1						13.0	9.6
SSW	.1	.4	.9	.8	.3	.0						2.5	10.8
SW	.5	.3	.7	.3	.1	.1						2.1	8.3
WSW	.2	.1	.0	.1	.1							.4	7.8
W	.2	.2	.2	.1	.0							.7	7.9
WNW	.0	.0	.1	.0	.1							.3	9.9
NW	.1	.1	.2	.0			.0					.4	9.4
NNW	.1	.2	.3	.2	.0	.0						.8	9.4
VARBL													
CALM												7.6	
	11.2	21.2	34.9	21.1	3.3	.6	.0	.0			.0	100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 2971

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FORT SILL OKLAHOMA/POST FLD STATION NAME 39-41,44-72 YEAR AUG MONTH  
2100-2300 HOURS (L.A.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.5	1.2	.5	.1							4.9	6.2
NNE	.8	1.0	1.2	.5	.1	.0						3.6	7.4
NE	1.3	1.7	1.1	.3	.1							4.6	6.1
ENE	.5	.7	1.1	.3	.0							2.7	6.8
E	1.5	3.0	2.3	.6	.0							7.4	6.2
ESE	1.3	2.7	3.3	.9	.2	.0						8.3	7.1
SE	3.1	6.3	10.3	3.0	.3							23.0	7.5
SSE	2.0	2.9	6.0	4.4	1.0	.0						16.2	9.0
S	1.5	1.7	3.5	2.1	.4	.1						9.4	8.6
SSW	.2	.2	.3	.5	.1							1.2	9.4
SW	.7	.5	.4	.1	.0							1.8	5.6
WSW	.1	.1	.0	.0								.2	5.0
W	.2	.3	.0	.1	.0							.6	5.8
WNW	.3			.0								.1	7.0
NW	.2	.2	.1		.0							.3	5.8
NNW	.2	.2	.3	.1	.0	.0						.9	7.8
VARBL													
CALM												14.6	
	15.2	23.1	31.1	13.4	2.4	.2						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 2940

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41, 44-72  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	4.2	3.2	2.1	.7	.2	.0					12.3	6.1
NNE	.7	1.0	1.8	1.1	.2	.1						5.1	8.8
NE	.7	1.1	.9	.5	.0	.0						3.2	7.1
ENE	.5	.6	.5	.1								1.6	5.5
E	1.0	1.1	.5	.3	.0							3.0	5.6
ESE	.8	1.0	.7	.3								2.9	5.7
SE	1.7	4.3	6.7	2.5	.0							15.2	7.6
SSE	2.2	2.7	5.1	4.3	.4	.1						14.8	8.8
S	1.0	2.3	4.0	3.9	.6	.2						11.8	9.6
SSW	.2	.3	.5	.6	.2							1.8	10.1
SW	.3	.4	.6	.2								1.5	6.8
WSW	.3	.2	.0	.0								.6	3.9
W	.1	.1		.0								.2	5.3
WNW	.1	.0	.1									.2	5.1
NW	.3	.6	.5	.2								1.6	6.5
NNW	.4	.4	.3	.4	.1	.1						1.8	9.1
VARBL													
CALM												22.3	
	12.3	20.3	25.5	16.4	2.4	.8	.0					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 2867

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/4AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 FORT SILL OKLAHOMA/POST FLD 39-41.44-72 SEP  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
0300-0500  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.6	3.8	6.0	2.0	.7	.2						15.7	7.7
NNE	.7	1.1	1.8	1.4	.2	.1		.0				5.5	9.3
NE	.9	.9	1.0	.5	.0							3.3	6.7
ENE	.3	.2	.2	.1	.0							.9	5.9
E	1.0	.9	.5	.1	.1							2.6	5.4
ESE	1.1	1.2	.6	.2	.0							3.0	5.2
SE	1.8	3.9	3.8	1.1								10.6	6.5
SSE	2.0	2.5	3.9	2.8	.3	.1						11.9	8.1
S	1.2	2.4	4.1	2.7	.5	.0						10.8	8.7
SSW	.3	.6	.8	.5	.1	.0						2.3	8.0
SW	.6	.5	.7	.0								1.8	5.8
WSW	.1	.1	.1	.1								.4	7.5
W	.2	.2	.1	.0								.6	4.9
WNW	.0	.1										.1	4.3
NW	.2	.8	.5	.4	.0							1.9	7.5
NNW	.7	.5	.5	.3	.1	.2						2.2	8.5
VARBL													
CALM												26.3	
	14.2	20.0	24.4	12.2	2.2	.7		.0				100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 2866



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

FOPT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	4.6	3.6	2.6	.6	.2						16.1	7.9
NNE	1.7	2.1	1.6	1.8	.3	.2						7.0	9.1
NE	.6	.8	.9	.6	.0	.0						2.9	7.6
ENE	.3	.6	.6	.2	.0							1.7	6.7
E	1.3	.7	.5	.2								2.7	5.2
ESE	.7	.9	.6	.3	.2							2.6	6.5
SE	2.1	2.7	3.8	1.4	.1							10.0	7.0
SSE	2.1	2.4	4.2	2.9	.3	.0						12.1	8.1
S	1.7	2.5	3.8	3.4	.6	.1						12.1	8.9
SSW	.2	.7	.9	1.3	.4	.2						3.5	11.0
SW	.5	.5	.7	.2	.1							2.0	6.9
WSW	.1	.1	.1	.0								.4	6.5
W	.1	.1	.2	.1								.5	7.1
WNW	.2	.2	.1									.5	4.7
NW	.4	.6	.6	.2								1.8	6.8
NNW	.3	.4	.6	.5	.2	.0						2.0	9.6
VARBL													
CALM												22.2	
	14.0	19.8	24.7	15.7	2.7	.8						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 2877

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

SFP  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	1.7	2.9	3.1	.5	.2	.0					9.3	5.9
NNE	.6	1.4	1.7	2.7	.4	.2						7.0	10.1
NE	1.0	1.1	1.2	1.4	.1	.1						4.8	8.3
ENE	.3	.8	.7	.6	.1	.0						2.5	8.5
E	.6	1.4	1.0	.4								3.3	6.5
ESE	.2	.7	1.0	.4	.2							2.5	8.5
SE	.7	1.4	3.0	1.9	.5							7.5	9.2
SSE	.6	1.3	3.4	3.2	.9	.3						9.8	10.7
S	1.0	3.1	6.5	6.4	2.4	.8	.0					20.4	11.1
SSW	.9	1.7	3.7	4.7	2.2	.7	.1					13.9	12.0
SW	.2	.8	1.5	2.2	1.2	.2						6.2	12.1
WSW	.1	.5	.5	.3	.1							1.5	9.0
W	.2	.2	.4	.1	.1	.1						1.0	9.4
WNW		.1	.1	.0								.2	7.2
NW	.2	.2	.5	.3	.1							1.3	8.7
NNW	.1	.5	.7	.3	.1	.1						1.8	9.7
VARBL													
CALM												6.9	
	7.4	16.8	28.6	28.0	8.9	2.7	.1					100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 2870



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

F.LRT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.6	1.2	3.1	2.4	.6	.2	.0					8.6	9.9
N <sup>1</sup> / <sub>2</sub> W	.4	1.2	1.9	2.2	.5	.2	.0					6.3	10.4
NE	.3	1.3	2.1	1.2	.2	.1						5.2	8.9
ENE	.2	.6	.7	.5		.0						2.1	8.1
E	.8	1.1	1.3	.5		.0						3.7	6.9
ESE	.3	.9	1.3	.6	.2							3.2	8.3
SE	.2	1.4	3.9	2.5	.7	.0						8.7	10.2
SSE	.8	1.0	3.2	3.7	1.4	.6						11.0	11.6
S	.9	2.6	6.5	7.2	3.1	1.0	.1					21.5	11.9
SSW	.4	1.0	2.8	4.4	1.8	1.0	.0					11.5	13.1
SW	.5	.9	1.6	1.7	.8	.3	.0					5.9	11.2
WSW	.2	.6	.6	.2								1.6	6.8
W	.2	.1	.2	.2	.0							.9	7.3
WNW	.2	.1	.2	.2								.7	7.7
NW	.1	.2	.6	.3	.1					.0		1.5	10.4
NNW	.3	.4	.6	.6	.1	.1						2.1	9.2
VARBL													
CALM												5.6	
	7.2	14.6	30.7	28.3	9.6	3.7	.2			.0		100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 2875

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FORT SILL OKLAHOMA/POST FLD STATION NAME 39-41,44-72 YEARS SEP MONTH 1500-1700 HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.4	2.6	2.3	.9	.1	.0					8.1	10.3
NNE	.6	1.6	1.8	2.2	.5	.1						6.9	9.5
NE	.4	1.2	2.4	1.0	.1							5.1	8.4
ENE	.2	.7	1.4	.5	.0							3.0	8.0
E	.9	1.6	1.6	.6	.0	.0						4.7	6.9
ESE	.5	1.3	1.5	1.0	.2							4.6	8.6
SE	.7	2.2	4.6	3.9	.8	.2						12.3	10.0
SSE	.8	1.9	4.0	5.6	2.5	.6	.0					15.4	11.8
S	1.0	2.5	5.6	6.8	2.7	.8	.0					19.6	11.6
SSW	.6	1.0	1.4	2.6	1.9	.6	.1					8.2	12.0
SW	.4	.6	.8	.6	.4	.2						3.0	10.4
WSW	.2	.3	.2	.0								.8	5.9
W	.2	.2	.1	.1	.1							.7	7.9
WNW	.0	.0	.1	.2								.4	9.9
NW	.2	.3	.3	.2	.1							1.1	8.8
NNW	.1	.5	.5	.6	.2	.1						2.0	11.1
VARBL													
CALM												4.4	
	7.7	17.2	29.0	28.2	16.7	2.6	.2					100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 2878

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.0	2.2	1.8	.8	.3	.1					8.3	10.0
NNE	.9	1.3	1.5	1.4	.4	.0						5.4	8.7
NE	1.0	1.8	1.9	.9	.0							5.7	7.2
ENE	.5	1.1	.9	.3	.0	.0						2.9	6.8
E	1.6	2.3	1.7	.2								5.9	5.5
ESE	.5	2.2	2.7	.7	.1							6.5	7.0
SE	1.7	4.0	7.5	5.4	.7							19.4	9.0
SSE	1.7	2.8	4.6	5.1	1.1	.0						15.6	9.5
S	1.2	2.1	4.4	3.6	.7	.1						12.0	9.5
SSW	.4	.3	.4	.7	.8	.1	.0					2.7	12.1
SW	.2	.3	.5	.2	.0	.1						1.3	8.2
WSW	.1	.1	.1	.0				.0				.4	8.4
W	.1	.0	.2	.1	.0							.4	8.2
WNW	.0	.1		.0								.1	6.5
NW	.3	.2	.4		.0							.9	6.0
NNW	.2	.2	.3	.3	.1	.0						1.1	9.4
VARBL													
CALM												11.4	
	11.8	21.0	29.3	20.8	4.8	.7	.2	.0				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

2866

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	2.9	2.2	2.1	.9	.2	.0					10.0	8.8
NNE	.6	.9	1.8	1.2	.3	.0						4.8	9.2
NE	.5	1.8	2.0	.3	.1							4.6	6.9
ENE	.3	.8	.6	.1								1.8	5.9
E	1.4	1.7	1.0	.5								4.6	5.7
ESE	1.2	2.0	1.8	.7	.1							5.7	6.6
SE	2.3	4.0	9.0	4.2	.8	.1			.0			20.4	8.6
SSE	1.6	2.9	5.0	5.2	1.5	.1						16.3	9.9
S	1.0	1.3	3.0	2.8	.8							9.0	10.0
SSW	.2	.2	.3	.7	.1	.0	.0					1.5	11.0
SW	.2	.3	.2	.1								.8	6.7
WSW	.2	.1	.0									.3	3.4
W	.3	.1	.1	.1								.5	5.5
WNW	.2	.1	.0									.3	4.0
NW	.1	.4	.2	.0								.8	5.5
NNW	.2	.6	.3	.3		.0	.0					1.4	7.9
VARBL													
CALM												17.1	
	11.8	20.0	27.6	18.3	4.7	.5	.1		.0			100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

2860

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/PAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13945 STATION F-PT SILL OKLAHOMA/POST FLN 39-41,44-70,72 OCT  
STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
0000-0200  
HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	5.0	5.1	3.0	.8	.2	.1					16.6	8.3
NNE	.4	1.2	2.0	1.8	.3							5.7	9.7
NE	.2	.4	.6	.2								1.5	7.4
ENE	.1	.2		.2	.1							.6	9.4
E	.5	.3	.2	.1	.0							1.2	5.6
ESE	.3	.5	.2	.2								1.2	5.9
SE	1.5	3.3	5.4	2.2	.2	.0	.0					12.8	7.9
SSE	1.7	2.3	4.4	3.6	.9	.1						13.0	9.4
S	1.2	1.9	4.7	3.1	.8	.1						11.8	9.5
SSW	.4	.6	.5	.5	.2	.0						2.3	8.4
SW	.7	.7	1.0	.3	.0							2.7	6.8
WSW	.1	.2	.1									.5	5.2
W	.2	.2	.1									.6	5.2
WNW	.0	.2	.2	.0								.5	6.5
NW	.5	.6	.5	.3	.0							1.9	6.9
NNW	.5	.9	1.1	.6	.2							3.3	7.8
VARBL													
CALM												23.8	
	10.8	18.6	26.4	16.1	3.6	.5	.1					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 2881



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/AAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13945 FORT SILL OKLAHOMA/POST FLD 39-41,44-70,72 OCT  
STATION NAME YEARS  
ALL WEATHER CLASS 0300-0500  
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	5.6	5.0	4.1	.9	.2	.0					18.7	8.4
NNE	.3	.8	1.6	1.6	.4	.0						4.8	10.0
NE	.5	.3	.4	.4	.1							1.7	7.5
ENE	.0	.1	.2	.1	.0							.4	9.5
E	.5	.4	.3	.2								1.5	6.2
ESE	.3	.4	.3	.3	.1							1.4	7.5
SE	1.4	2.4	4.3	1.3	.1							9.5	7.6
SSE	1.6	2.7	3.9	2.8	.6	.1						11.6	8.7
S	1.3	2.3	3.1	2.8	.5	.1						10.1	8.9
SSW	.3	.7	.9	.6								2.4	7.7
SW	.6	1.1	1.0	.1	.1							3.0	6.6
WSW	.1	.2	.2	.0								.6	6.3
W	.4	.3	.2			.0						.9	5.3
WNW	.1	.2	.2	.1	.0							.7	7.3
NW	.6	.3	.6	.2	.1	.1						1.8	7.8
NNW	.4	1.0	1.0	1.1	.1		.0					3.6	8.8
VARBL													
CALM												27.2	
	11.3	18.9	23.2	15.7	3.1	.6	.1					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 2881

DATA PROCESSING SECTION  
ETAC/USAF  
AIR WEATHER SERVICE/AC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13945      FORT SILL OKLAHOMA/POST FLD      39-41,44-70,72      OCT  
STATION      STATION NAME      YEARS      MONTH  
ALL WEATHER  
CLASS  
CONDITION  
0600-0800  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.9	4.7	4.7	3.9	1.6	.4						18.2	8.9
NNE	.8	1.4	1.9	1.6	.2	.1						5.8	9.2
NE	.4	.6	.5	.6	.1							2.2	7.8
ENE	.2	.1	.2	.0	.0							.7	6.6
E	.5	.5	.2	.0								1.3	4.9
ESE	.4	.5	.2	.1	.1							1.2	6.9
SE	1.2	3.0	3.5	1.7	.2	.1						9.6	7.7
SSE	1.4	2.3	4.1	3.2	.4	.0						11.4	8.8
S	1.9	2.4	3.5	2.9	.8	.3						11.8	9.3
SSW	.5	1.0	1.5	1.0	.3							4.4	8.6
SW	.3	.8	.6	.5	.1							2.4	7.5
WSW	.2	.4	.2	.1								.9	5.8
W	.3	.3	.3	.0								1.0	5.2
WNW	.1	.1	.0									.3	4.5
NW	.2	.3	.5	.5	.2	.0						1.6	10.0
NNW	.3	.5	2.1	1.2	.4	.0						4.5	10.3
VARBL													
CALM												22.6	
	11.5	18.8	24.3	17.3	4.5	1.0						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS      2877



DATA PROCESSING BRANCH  
ETAC/USAF  
AIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41, 44-70, 72  
YEARS

DCT  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.8	3.1	4.2	1.6	.6	.0	.0				11.9	11.8
NNE	.5	1.3	1.9	2.3	1.0	.2	.0					7.2	10.9
NE	.4	1.1	1.6	.9	.3	.0						4.2	8.8
ENE	.2	.4	.2	.3	.0							1.3	7.5
E	.5	.3	.6	.2	.1							1.7	7.1
ESE	.3	.5	.6	.3								1.6	6.9
SE	.5	.9	2.1	1.6	.6	.1						5.7	10.2
SSE	.7	1.2	2.5	3.4	1.2	.5						9.5	11.4
S	.8	2.5	4.3	5.6	2.7	1.0	.1					17.1	12.0
SSW	.6	1.5	3.5	4.7	2.2	.8	.0	.0				13.4	12.3
SW	.7	1.6	3.3	2.9	.7	.3	.1					9.6	10.5
WSW	.2	.5	.7	.5	.0							1.8	8.3
W	.1	.3	.1	.3	.0							1.0	8.4
WNW	.0	.2	.2	.2	.1							.8	13.0
NW	.2	.4	.3	.8	.2		.0					2.0	10.5
NNW	.1	.3	.9	1.4	.4	.2						3.4	12.3
VARBL													
CALM												7.9	
	6.5	14.9	25.9	29.6	11.2	3.7	.3	.1				100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 2879

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/AC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-70,72  
YEARS

0CT  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.5	3.1	4.0	1.3	.7						11.5	11.7
NNE	.4	.7	1.6	2.6	1.0	.2	.0					6.5	12.1
NE	.3	.6	1.0	.8	.1	.0						2.4	8.8
ENE	.3	.5	.5	.5	.0							1.8	7.5
E	.4	.7	.7	.2	.0							2.0	6.7
ESE	.2	.4	.4	.2								1.3	7.2
SE	.5	1.0	1.9	1.6	.6	.2						5.9	10.7
SSE	.5	1.0	2.6	3.5	1.6	.5	.2					9.8	12.4
S	.9	1.8	4.5	7.2	3.1	1.4	.3					19.3	13.0
SSW	.3	1.3	3.0	6.3	3.1	.8	.2					15.0	13.3
SW	.5	1.3	2.8	2.8	1.0	.3	.0					8.7	11.2
WSW	.2	.6	.8	.6	.1							2.2	8.4
W	.3	.3	.3	.3	.1							1.2	7.8
WNW	.2	.1	.3	.3	.1							.9	9.1
NW	.2	.6	.6	.7	.5	.1						2.7	11.1
NNW	.1	.3	1.0	1.2	.6	.1	.1	.1				3.6	13.5
VARBL													
CALM												4.8	
	6.0	12.9	25.0	32.7	13.2	4.4	.8	.1				100.0	11.2

TOTAL NUMBER OF OBSERVATIONS

2871

DATA PROCESSING BR/CH  
ETAC/USAF  
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-70,72  
YEARS

DCT  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	2.0	3.3	3.6	1.5	.5	.1					11.4	11.5
NNE	.2	1.1	2.1	2.0	.9	.2						6.5	11.2
NE	.3	1.1	1.3	.9	.0							3.6	7.8
ENE	.3	.5	.6	.3								1.7	7.4
E	.7	.	.6	.1	.1	.0						2.3	5.9
ESE	.2	.1	.8	.3	.0							1.9	7.5
SE	.5	1.2	3.0	2.8	.9	.2						8.6	10.6
SSE	.4	1.3	3.5	5.4	1.2	.3	.0					12.1	11.9
S	.9	2.4	5.5	7.8	4.1	1.1	.2					21.9	12.6
SSW	.5	.9	2.4	3.6	1.2	.5	.0					9.2	12.3
SW	.4	1.2	1.8	1.6	.5	.3	.0					5.8	10.3
WSW	.2	.4	.6	.3								1.5	7.7
W	.2	.4	.5	.3	.3							1.8	9.2
WWW	.2	.2	.3	.2								.9	7.4
NW	.2	.2	.6	.3	.2	.2						1.8	11.2
NNW	.1	.5	1.2	1.6	.5	.2		.1				4.2	12.3
VARBL													
CALM												4.9	
	5.9	14.8	27.9	31.3	11.3	3.4	.4	.1				100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 2877

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/AC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13945 STATION F. RT SILL OKLAHOMA/POST FLD STATION NAME 39-41,44-72 YEARS MONTH OCT 1950-2000  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	3.2	3.6	2.4	.9	.4	.0					12.4	9.0
NNE	.4	1.1	1.6	1.2	.6	.2	.1					5.1	10.6
NE	.5	1.6	1.0	.2	.1							3.5	6.4
ENE	.5	.6	.7	.1	.0							1.9	6.5
E	.7	.8	.3	.1	.0							1.9	5.1
ESE	.9	1.1	1.2	.3	.0							3.5	6.2
SE	1.3	3.9	6.6	3.5	.5	.2						16.1	8.9
SSE	1.0	3.0	5.4	5.6	1.1	.1						16.1	10.0
S	1.1	2.2	5.5	3.6	.8	.2						13.4	9.6
SSW	.3	.4	1.1	.2	.1	.1						2.3	8.5
SW	.3	.3	.9	.4	.1	.1						2.1	8.5
WSW	.2	.1	.1	.0	.0							.5	5.0
W	.3	.2	.2	.2								1.0	6.8
WNW	.1	.1	.0	.1								.4	7.5
NW	.7	.4	.3	.1	.1	.0						1.7	6.5
NNW	.3	.8	.8	.6	.2	.1						3.1	9.4
VARBL													
CALM												15.1	
	10.4	19.9	29.5	19.0	4.5	1.5	.1					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 2878

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/HAC

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

13945 STATION F RT SILL KLANOMA/POST FLD STATION NAME 39-41,44-72 YEARS SCT NORTH  
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.7	4.2	5.1	2.8	1.0	.2						16.0	8.2
NNE	.2	1.0	1.3	1.4	.5	.1						4.4	10.4
NE	.6	.5	.8	.3		.0						2.2	6.8
ENE	.1	.5	.1	.2	.0							1.0	7.8
E	.6	.6	.4	.1	.0							1.7	5.4
ESE	.5	.7	1.0	.3								2.5	6.8
SE	1.6	3.4	7.1	3.3	.8	.2						16.4	8.9
SSE	1.2	2.3	6.0	5.3	1.1	.2						16.0	10.0
S	.7	1.7	4.2	2.7	1.0	.2	.1					10.5	10.3
SSW	.5	.5	.4	.4	.1	.0						1.9	8.1
SW	.6	.6	.7	.1								2.0	6.0
WSW	.1	.2	.1									.4	4.5
W	.3	.2	.2	.1								.8	5.0
WNW	.2	.2	.1	.1	.0							.6	6.0
NW	.3	.6	.4	.5								1.8	7.3
NNW	.5	.8	.9	.6	.2	.0						3.0	8.1
VARBL													
CALM												18.7	
	10.9	17.8	28.7	18.1	4.8	.9	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 2882



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/IAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

NDV  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.6	4.4	6.3	4.7	1.6	.7	.1	.1				20.5	9.6
NNE	.5	1.0	1.5	1.4	.7	.1	.0					5.3	10.4
NE	.6	.9	.7	.3	.1	.0						2.7	7.2
ENE	.1	.3	.3	.1								.8	6.5
E	.8	.5	.2									1.5	4.2
ESE	.2	.3	.3	.1								1.0	5.9
SE	.3	1.6	2.3	.7	.3	.1						5.8	7.8
SSE	.3	1.7	3.0	1.9	.2	.1						7.9	8.8
S	1.5	2.1	5.0	2.5	.7	.2						12.0	9.0
SSW	.8	.8	.7	.8	.2	.1						3.4	8.3
SW	.9	.6	1.0	.3								2.8	6.2
WSW	.2	.5	.6	.0								1.3	6.4
W	.6	.4	.4	.2		.1						1.7	7.0
WNW	.1	.1	.1	.2								.6	8.1
NW	.4	.6	1.2	.7	.2	.4	.1	.0				3.6	11.5
NNW	.2	1.5	1.1	1.8	.4	.1						5.9	9.3
VARBL													
CALM												23.2	
	12.0	17.5	24.8	15.7	4.5	2.0	.2	.1				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 2870



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/AC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13945 STATION FORT SILL OKLAHOMA/POST FLD 39-41,44-72 YEARS NOV NORTH  
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.6	5.7	6.5	5.6	1.6	.7	.2	.0				22.9	9.5
NNE	.6	.7	1.3	1.4	.4	.3	.0					5.3	10.6
NE	.7	.7	.5	.5	.2	.0						2.6	7.6
ENE	.2	.4	.1	.1								.8	5.5
E	.5	.3	.2									1.0	3.4
ESE	.4	.3	.2	.1								1.0	5.3
SE	.9	1.9	1.3	.9	.1	.1		.0				5.9	7.9
SSE	.9	1.6	2.4	1.6	.1	.0						6.6	8.1
S	1.5	3.0	4.2	1.7	.4	.2						10.9	8.0
SSW	.5	.5	1.0	.8	.1	.1						3.0	9.2
SW	.7	1.0	.9	.3	.1	.0						3.0	7.0
WSW	.2	.5	.5	.2								1.5	6.5
W	.3	.5	.4	.4		.0	.0					1.6	8.3
WNW	.2	.2	.3	.1	.1	.1	.0					1.0	9.5
NW	.5	.7	.5	.9	.2	.2	.1	.0				3.5	10.6
NNW	.7	1.5	1.5	1.4	.5	.3						6.0	9.8
VARBL													
CALM												23.4	
	11.6	19.3	23.3	15.9	3.8	2.2	.4	.1				100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 2873

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 35	%	MEAN WIND SPEED
N	2.5	5.7	6.9	5.2	2.2	.7	.1					23.3	9.6
NNE	.7	.9	2.1	1.8	.5	.2	.3					5.2	10.4
NE	.6	1.0	.8	.6	.2							3.2	7.6
ENE	.2	.3	.3	.1	.3							.9	7.0
E	.5	.2	.2	.1	.0							1.2	5.8
ESE	.5	.3	.2	.1	.0							1.1	4.7
SE	1.0	1.6	1.9	.8	.1							5.4	7.2
SSE	.7	1.6	2.4	2.1	.3	.0	.0					7.2	8.9
S	1.6	2.6	3.6	2.0	.3		.0					11.3	8.3
SSW	.6	.7	1.0	.7	.3	.1						3.3	9.1
SW	.3	1.1	1.2	.5	.1							3.6	6.8
WSW	.2	.3	.4	.2	.0				.0			1.3	8.2
W	.2	.3	.5	.1								1.1	6.8
WNW		.3	.3	.1	.0	.1						.9	10.7
NW	.5	.4	.5	.8	.1	.1	.0					2.6	9.6
NNW	.6	.9	1.4	1.8	.8	.6	.1					6.1	11.6
VARBL													
CALM												21.4	
	11.5	18.2	23.8	17.9	5.0	1.8	.3		.0			160.0	7.1

TOTAL NUMBER OF OBSERVATIONS 2971

DATA PROCESSING ON  
ETAC/USAF  
AIR WEATHER SERVICE/ AC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13945 STATION FORT SILL KLAHOMA/POST FLD 39-41.44-72 YEARS NOV  
0900-1100  
ALL WEATHER  
CLAS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.5	5.0	6.3	2.8	.9	.1					18.9	11.7
NNE	.4	1.1	2.1	2.3	.8	.5	.1					7.5	11.4
NE	.5	.7	1.0	.9	.2	.1						4.0	9.1
ENE	.3	.3	.7	.2	.0							1.4	7.2
E	.5	.6	.6	.2								1.8	5.9
ESE	.2	.2	.3	.1	.1							1.0	7.9
SE	.5	1.2	1.4	1.1	.3	.0	.0					4.6	8.0
SSE	.4	1.5	2.1	2.7	.7	.1						7.5	10.3
S	1.3	2.3	4.7	5.6	1.7	.5	.0					16.2	11.0
SSW	.6	2.0	2.4	3.0	1.2	.3	.0					9.8	11.1
SW	.3	1.3	2.0	2.3	.5	.3						6.7	10.9
WSW	.3	.3	.5	.4	.2	.0	.0	.0				1.8	10.9
W	.2	.5	.3	.3	.0	.1						1.5	8.3
WNW	.0	.2	.2	.2	.1	.0	.0	.0				.9	12.5
NW	.2	.3	.7	.8	.1	.0	.1	.0				2.4	10.9
NNW	.2	.6	1.4	2.1	1.2	.9	.2	.0				6.6	14.6
VARBL													
CALM												7.4	
	7.7	15.6	26.0	28.4	10.2	3.9	.7	.1				100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 2872

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/4AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 FORT SILL OKLAHOMA/POST FLD 39-41,44-72  
STATION STATION NAME YEARS  
ALL WEATHER  
CLASS  
CONDITION  
1200-1400  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	2.0	4.1	4.8	1.8	.9	.2	.0				14.8	11.9
NNE	.4	1.2	2.2	2.1	.9	.5	.1	.0				7.5	11.8
NE	.7	1.0	.6	.6	.3	.0						3.3	8.1
ENE	.2	.3	.4	.3								1.3	7.8
E	.5	.5	.6	.0								1.6	5.8
ESE	.1	.3	.4	.3	.0							1.3	7.8
SE	.3	.8	1.0	1.0	.5	.1						3.8	10.3
SSE	.4	1.0	2.5	1.9	1.0	.4	.0					7.3	11.5
S	.5	1.5	5.1	7.0	2.3	.9	.1					17.5	12.6
SSW	.4	1.2	2.9	5.2	2.2	.8	.1					12.8	13.0
SW	.3	1.0	2.4	2.9	.9	.6	.1	.0				8.3	12.5
WSW	.2	.4	.8	.6	.5	.2	.0					2.6	11.9
W	.3	.3	.6	.5	.1	.2	.1					2.1	11.3
WNW	.2	.1	.3	.5	.1	.1	.0					1.4	11.2
NW	.3	.4	.9	.9	.5	.2	.0					3.3	11.5
NNW	.4	.5	1.3	2.7	1.2	.8	.1					7.0	13.8
VARBL													
CALM												4.1	
	6.0	12.7	26.6	31.3	12.5	3.7	1.0	.1				100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 2867

DATA PROCESSING  
ETAC/USAF  
AIR WEATHER SERVICE/JAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM PORTULY OBSERVATIONS)

SURFACE WINDS

13945 STATION FORT SILL KLANCHA/POST FLD STATION NAME 39-41,44-72 YEARS NOV MONTH  
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.2	4.5	4.9	1.6	.7	.0					15.0	11.1
NNE	.5	1.1	2.0	1.6	.8	.1	.0	.1				5.1	10.8
NE	.5	.9	1.4	.5	.2							3.5	8.2
ENE	.2	.7	.6	.2								1.7	6.5
E	.4	.6	.5									1.9	4.7
ESE	.4	.5	.4	.2	.1							1.6	6.6
SE	.5	.7	2.1	1.2	.7	.1						5.4	10.1
SSE	.5	1.2	2.8	2.6	.7	.3						8.1	10.6
S	.9	2.0	6.3	7.0	2.2	.8	.1					19.2	11.6
SSW	.3	1.3	2.8	3.1	1.6	.6	.0					9.7	12.2
SW	.6	1.1	2.1	1.5	.5	.1	.0					5.9	9.8
WSW	.5	.6	.7	.6	.3	.1		.0				2.7	9.7
W	.1	.6	.7	.4	.1	.2	.0					2.1	11.1
WNW	.1	.4	.5	.2		.1						1.3	9.3
NW	.2	.6	.9	1.4	.6	.2	.0					3.9	11.8
NNW	.2	.7	1.4	2.2	1.3	.3	.0	.0				6.3	13.0
VARBL													
CALM												5.7	
	7.6	15.2	29.3	27.6	10.6	3.5	.3	.1				100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 2369

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13945 STATION FORT SILL OKLAHOMA/POST FLD STATION NAME 39-41,44-72 YEARS NOV MONTH  
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	3.9	4.4	4.2	1.0	.5	.1	.1				16.0	9.7
NNE	.8	1.4	1.7	1.2	.6	.0						5.7	9.1
NE	1.1	1.0	1.4	.5	.1	.0						3.9	6.9
ENE	.5	.4	.2									1.0	4.5
E	.9	1.4	.5	.0								2.8	4.8
ESE	.5	.8	.6	.1								1.9	5.4
SE	.5	2.4	3.3	2.4	.5	.0						9.4	8.9
SSE	1.0	3.0	3.9	3.2	.8	.1						12.0	9.2
S	1.0	2.4	4.4	3.3	.8	.3						12.2	9.6
SSW	.5	.7	1.3	.9	.2							3.8	8.3
SW	.4	.7	.9	.3	.1							2.3	7.5
WSW	.2	.3	.2	.2		.0						1.1	7.4
W	.8	.3	.3	.2	.1	.0	.0	.0				1.7	7.6
WNW	.3	.2	.2	.2	.0	.1		.0				1.2	9.8
NW	.7	.5	1.0	.6	.3	.1	.0	.0				3.4	9.4
NNW	.4	.8	1.3	1.3	.3	.2	.0					4.4	10.4
VARBL													
CALM												17.2	
	11.8	20.2	25.7	18.4	4.9	1.4	.2	.2				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 2864



DATA PROCESSING CENTER  
ETAC/USAF  
AIR WEATHER SERVICE/ETAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 FORT SILL OKLAHOMA/POST FLD 39-41,44-72 NOV  
STATION STATION NAME YEARS MONTH  
ALL WEATHER 2100-2300  
CLAS ROWS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.3	4.5	5.4	4.5	1.5	1.0	.1					19.4	9.9
NNE	.3	.8	1.3	1.6	.3	.1						4.6	9.8
NE	.2	1.2	.9	.5	.1	.0						3.0	8.1
ENE	.2	.3	.3	.1								1.0	6.5
E	1.0	.9	.3	.1								2.4	4.6
ESE	.5	.3	.1	.1								1.1	4.5
SE	1.2	2.3	2.7	1.8	.6	.1						8.7	8.7
SSE	.2	2.4	4.0	4.0	1.0	.2						11.8	10.4
S	1.3	1.8	3.4	3.1	.9	.3	.1					10.8	10.1
SSW	.5	.5	.8	.7	.1							2.7	8.1
SW	.7	.6	.7	.3		.0						2.4	6.1
WSW	.2	.2	.3	.1	.0	.0						1.0	7.0
W	.5	.4	.6	.1		.0						1.6	6.1
WNW	.2	.2	.2	.1	.0			.0				.9	9.0
NW	.7	.5	.9	.6	.2	.2	.0	.1				3.2	10.2
NNW	.5	1.0	1.2	1.2	.5	.2						4.7	10.3
VARBL													
CALM												20.8	
	10.8	18.1	23.5	18.8	5.3	2.4	.2	.1				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 2867

DATA PROCESSING  
ETAC/USAF  
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41, 44-72  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	5.8	7.0	5.4	2.3	.9	.2					24.4	9.8
NNE	.4	1.4	1.6	2.6	.7	.1						6.8	10.4
NE	.5	.6	.7	.2								2.1	5.9
ENE	.3	.4	.1	.1	.0							1.0	6.4
E	.3	.2	.1	.0								.6	4.5
ESE	.7	.3	.1	.2	.0							1.2	5.4
SE	.9	1.1	2.0	1.3	.2	.0						5.6	8.6
SSE	.8	1.2	2.5	1.9	.2	.1						6.8	9.1
S	1.1	2.2	3.1	2.6	.5	.0						9.5	8.8
SSW	.6	.8	1.5	.7	.1							3.7	8.1
SW	.7	1.3	1.5	.6	.1							4.2	7.4
WSW	.3	.5	.3	.1	.1	.0	.0	.1				1.4	8.6
W	.6	.6	.3	.1	.0	.0						2.1	6.5
WNW	.1	.1	.2	.1								.5	7.9
NW	.5	.7	.8	1.0	.5	.2	.0					3.9	10.5
NNW	.7	.8	1.5	1.3	.6	.2						5.1	10.4
VARBL													
CALM												21.0	
	11.3	18.2	23.7	18.3	5.4	1.7	.3	.1				100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 2961

DATA PROCESSING BRANCH  
ETAC/LSAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.3	5.0	6.3	6.1	2.2	1.0	.1	.0				23.7	10.1
NNE	.2	1.4	2.1	2.4	.5	.2	.0					7.4	9.8
NE	.4	.7	.5	.1								1.8	5.0
ENE	.2	.1	.2	.1								.7	6.9
E	.3	.3	.1	.1								.9	5.0
ESE	.5	.4	.3	.1	.0	.0						1.4	6.1
SE	1.2	1.4	1.2	1.2	.1							5.2	7.6
SSE	.3	1.0	2.1	1.5	.3				.0			6.4	8.9
S	1.4	2.0	3.2	2.4	.6	.1						9.6	8.8
SSW	.5	.7	.5	.8	.1							2.9	8.1
SW	.4	1.3	1.4	.4	.0							4.0	6.8
WSW	.4	.4	.5	.1	.0							1.5	6.5
W	.7	.7	.5	.2		.0		.0				2.1	6.3
WNW	.1	.1	.4	.4	.1							1.2	10.3
NW	.3	.5	1.2	.9	.5	.2	.1					3.7	11.3
NNW	.5	.8	2.1	1.5	.5	.3	.1					5.9	11.0
VARBL													
CALM												21.6	
	12.0	17.7	23.2	18.3	5.0	1.8	.3	.1	.0			100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 2962

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

F. RT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	5.3	7.1	6.3	2.3	1.1	.2	.1				25.3	10.2
NNE	.7	1.3	2.2	2.3	.5	.2						7.2	9.9
NE	.3	.9	.7	.1	.0							2.0	6.6
ENE	.1	.2	.1	.2	.0							.6	8.1
E	.5	.4	.2	.1								1.2	5.0
ESE	.5	.3	.2	.1	.1							1.2	6.3
SE	1.2	1.3	1.5	1.5	.1	.0						5.6	8.0
SSE	.7	1.3	2.2	1.8	.4	.0						6.5	9.1
S	1.6	1.8	3.6	2.2	.5	.0						9.7	8.5
SSW	.6	.8	1.4	.8	.1	.0	.0					3.7	8.5
SW	.7	1.0	1.1	.4	.1		.0					3.4	7.4
WSW	.4	.6	.4	.2								1.6	6.3
W	.4	.2	.3	.1	.1	.0						1.1	7.3
WNW		.2	.5	.1	.1	.0						1.0	10.9
NW	.4	.7	1.1	1.0	.3	.1						3.6	10.4
NNW	.5	1.0	1.7	2.1	.7	.2	.1	.0				6.3	11.3
VARBL													
CALM												20.0	
	11.4	17.4	24.2	19.4	5.4	1.9	.3	.1				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

2965

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

F1PT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.6	6.1	7.3	3.1	1.6	.4					22.3	12.4
NNE	1.0	1.0	2.2	2.4	1.0	.2	.1					7.9	10.8
NE	.5	.8	.8	.4	.0							2.5	7.1
NNE	.3	.4	.4	.1								1.3	6.0
E	.7	.5	.3	.1								1.7	4.8
ESE	.2	.3	.5	.1	.0	.0						1.4	7.3
SE	.3	.9	1.4	1.1	.5	.1						4.9	9.4
SSE	.3	1.2	1.7	2.3	.6	.1	.1					6.7	10.4
S	.9	2.4	4.1	3.6	1.2	.4	.1					12.7	10.5
SSW	.6	1.3	2.9	2.6	.7	.3	.1					8.5	10.8
SW	.6	1.3	1.8	1.3	.4	.1	.0					5.5	9.4
WSW	.2	.6	.3	.5	.1	.0	.1					1.8	9.3
W	.2	.3	.4	.4	.2	.1	.0					1.6	10.9
WNW		.0	.3	.3	.0							.6	11.3
NW	.2	.3	1.1	1.0	.4	.2						3.3	12.0
NNW	.3	.9	1.8	2.6	.9	.6	.1					7.2	12.5
VARBL													
CALM												10.0	
	6.5	15.2	26.2	26.1	9.2	3.9	.9					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS

2968

DATA PROCESSING CENTER  
ETAC/USAF  
AIR WEATHER SERVICE / AC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13645 STATION F.E.T. SILL, OKLAHOMA/POST FLD STATION NAME 39-41.44-72 YEARS DEC MONTH 1200-1400 HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.0	4.9	6.0	2.9	1.7	.1					18.4	12.8
NNE	.5	1.1	2.5	2.9	.6	.3	.0					7.3	12.8
NE	.5	.4	.9	.6	.1	.0						2.6	8.5
ENE	.2	.4	.3	.1								1.0	6.9
E	.4	.5	.4	.1								1.5	5.7
ESE	.2	.4	.5	.2	.1							1.3	7.7
SE	.7	.9	1.2	1.1	.3	.2						4.4	9.6
SSE	.5	1.2	1.7	2.1	.5	.2	.1	.0				6.2	10.6
S	.9	2.2	3.6	5.0	1.9	.9	.1	.1				14.6	11.8
SSW	.5	1.1	3.0	4.3	1.6	1.0	.3					12.0	13.2
SW	.4	1.6	2.2	1.8	.6	.6	.1	.1				7.5	11.6
WSW	.2	.5	1.0	.6	.2	.1	.1					2.7	10.7
W	.2	.3	.8	.5	.2	.2	.0					2.2	11.3
WNW	.1	.2	.2	.4	.2							1.1	10.5
NW	.3	.5	1.2	1.3	.4	.3	.1					4.0	11.7
NNW	.2	.7	2.0	3.1	1.4	.7	.2					8.4	13.4
VARBL													
CAUM												4.9	
	6.6	13.9	25.9	29.9	11.2	6.2	1.1	.2				100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 2962



DATA PROCESSING UNIT OF  
ETAC/USAF  
AIR WEATHER SERVICE/ AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 STATION FORT SILL OKLAHOMA/POST FLD 39-41,44-72 YEARS DEC MONTH  
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.7	5.3	5.5	2.4	.9	.0					17.3	11.6
NNE	.4	1.2	3.1	2.6	.6	.2						8.2	10.5
NE	.3	1.1	1.5	.8	.0	.0						2.8	8.1
ENE	.2	.4	.3	.1								.9	6.1
E	.4	.5	.4	.1								1.4	5.8
ESE	.6	.6	.4	.3	.0							2.0	6.6
SE	.5	.9	2.0	1.5	.3	.0						5.2	9.5
SSE	.8	1.3	2.2	2.3	.7	.2	.1					7.5	10.5
S	.3	2.4	5.3	5.3	1.9	.4	.0					16.2	11.0
SSW	.7	1.2	3.0	2.8	1.2	.5	.1	.0				9.5	11.5
SW	.6	1.3	2.5	1.3	.6	.1	.0	.0				6.4	9.5
WSW	.2	.6	.5	.3	.1	.0	.0					2.0	8.8
W	.3	.6	.7	.4	.3	.1						2.4	9.3
WNW	.1	.3	.4	.5	.1	.1	.0					1.5	10.9
NW	.1	.4	1.0	1.1	.5	.1	.0	.0				3.4	12.3
NNW	.3	.8	1.7	2.5	1.1	.3	.2					6.9	12.8
VARBL													
CALM												5.3	
	7.3	16.3	30.1	27.4	9.9	3.1	.6	.1				100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 2972

DATA PROCESSING AC. OF  
ETAC/USAF  
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945 F PT SILL KLAHOMA/PJST FLB 39-41,44-72 DEC  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
1800-2000  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	4.0	6.1	4.1	1.9	.7	.2	.0				12.7	10.2
NNE	.4	1.4	3.2	2.4	.3	.0						7.8	9.4
NE	.5	1.0	.8	.1		.0						2.5	6.2
ENE	.3	.5	.5	.2								1.6	6.4
E	.6	.6	.3									1.6	4.7
ESE	.5	.9	.6	.2								2.2	6.1
SE	1.0	1.9	2.8	1.5	.3	.0						7.5	8.2
SSE	1.5	1.9	3.3	2.5	.5	.2						9.7	9.0
S	1.1	2.5	3.7	3.1	.9	.2						11.5	9.8
SSW	.6	.6	.9	.9	.4	.0						3.4	9.3
SW	.5	.9	1.7	.2	.1							3.6	7.1
WSW	.2	.3	.3									.9	5.3
W	1.0	.5	.7	.2								2.5	5.7
WNW	.2	.3	.1	.4	.1	.1						1.2	10.0
NW	.1	.8	1.2	.7	.3	.1	.1					4.0	9.1
NNW	.5	.5	1.6	1.2	.4	.3	.1					4.6	11.0
VARBL													
CALM												16.8	
	11.6	18.8	27.8	17.7	5.1	1.8	.3	.0				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 2954

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41, 44-72  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	5.9	6.5	4.9	2.3	.9	.1	.0				23.2	9.7
NNE	.6	1.6	2.2	2.1	.7	.1	.0					7.3	9.8
NE	.3	.5	.4	.2								1.5	6.5
ENE	.1	.1	.3	.1								.6	6.2
E	.4	.6	.3	.0								1.4	5.3
ESE	.2	.6	.5	.2								1.6	6.6
SE	.8	1.7	2.5	1.7	.2							6.9	8.5
SSE	.7	1.7	3.2	1.8	.5	.3	.0					8.3	9.6
S	.9	1.5	3.8	3.5	1.0	.2	.0					10.9	10.4
SSW	.5	.6	.9	.6	.3	.1						3.0	9.2
SW	.5	.8	1.5	.4		.0		.0				3.2	7.6
WSW	.3	.4	.5	.1	.0							1.3	6.4
W	.6	.6	.7	.2	.1							2.2	6.5
WNW	.0	.2	.2	.1	.1	.0						.6	10.1
NW	.7	.7	.9	1.1	.3	.1	.1					4.0	9.6
NNW	.4	.9	1.3	1.4	.3	.4						4.6	10.6
VARBL													
CALM												19.6	
	9.9	18.3	25.7	18.3	5.9	2.1	.3	.1				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 2954

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13945  
STATION

F. RT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42,44-72  
YEARS

ALL  
MONTH

INSTRUMENT  
CLASS

ALL  
HOURS (L.T.T.)

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,  
CONDITION

ADD/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.3	6.1	8.0	3.7	1.8	.4	.1	.0			23.3	13.0
NNE	.5	1.6	3.2	4.0	1.1	.4	.1	.0	.0			12.8	11.4
NE	.6	1.5	2.6	1.3	.3	.1	.0					5.5	8.9
ENE	.3	.7	.9	.6	.1	.0	.0					2.6	8.3
E	.7	1.2	1.2	.4	.1	.0						3.6	7.1
ESE	.4	.9	1.4	1.0	.1	.0	.0					3.9	8.5
SE	.8	1.5	3.5	2.7	.9	.3	.0	.0				9.6	10.3
SSE	.4	1.3	2.9	3.3	1.0	.4	.0	.0		.0		9.3	11.5
S	.6	1.4	3.4	3.1	.9	.3	.1	.0				9.8	10.8
SSW	.2	.4	.9	.8	.3	.1	.0					2.8	10.7
SW	.2	.4	.6	.4	.2	.1	.0	.0	.0			2.0	9.9
WSW	.1	.2	.2	.1	.1	.1	.1	.1				.8	12.9
W	.2	.2	.3	.2	.1	.1	.0	.0				1.0	10.2
WNW	.0	.1	.1	.1	.0	.0	.0	.0				.4	12.2
NW	.1	.3	.4	.4	.2	.2	.0	.0				1.6	12.6
NNW	.2	.4	1.0	1.6	.7	.4	.1	.0				4.4	13.4
VARBL													
CALM												7.6	
	6.4	14.1	28.9	27.8	9.7	4.3	.9	.3	.0	.0		100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 21218

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	$\geq 10$	$\geq 6$	$\geq 5$	$\geq 4$	$\geq 3$	$\geq 2\frac{1}{2}$	$\geq 2$	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	$\geq 1$	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{1}{8}$	$\geq \frac{1}{16}$	$\geq 0$	
NO CEILING																	
$\geq 1800$																	
$\geq 1500$					91.0												92.6
$\geq 1200$																	
$\geq 1000$																	
$\geq 900$																	
$\geq 800$																	
$\geq 700$																	
$\geq 600$																	
$\geq 500$										97.4							98.1
$\geq 400$																	
$\geq 300$																	
$\geq 200$																	
$\geq 100$																	
$\geq 0$					95.4		96.9			98.3							100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed  $\geq 0$ .  
For instance, from the table: Ceiling  $\geq 1500$  feet = 92.6%.  
Ceiling  $\geq 500$  feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite  $\geq 0$ . From the table:  
Visibility  $\geq 3$  miles = 95.4%.  
Visibility  $\geq 2$  miles = 96.9%.  
Visibility  $\geq 1$  mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling  $\geq 1500$  feet with visibility  $\geq 3$  miles = 91.0%.



#### ADDITIONAL EXAMPLES

##### EXAMPLE # 4

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

##### EXAMPLE # 5

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of  $\geq 1500$  feet with  $\geq 3$  miles, subtracted from 97.4 read from the table at the intersection of  $\geq 500$  feet with  $\geq 1$  mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling  $\geq 500$  feet with visibility  $> 1$  mile, but  $< 3$  miles; or ceiling  $\geq 500$  feet, but  $< 1500$  feet with visibility  $\geq 1$  mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42,44-72  
YEARS

ALL  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60.4	62.0	62.2	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.8
≥ 20000	68.2	70.1	70.4	70.6	70.7	70.7	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	71.0	71.0
IV 18000	68.4	70.3	70.6	70.8	70.9	70.9	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.2	71.2
IV 16000	68.7	70.6	70.9	71.0	71.2	71.2	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.5
IV 14000	69.6	71.5	71.8	71.9	72.1	72.1	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.4
IV 12000	71.6	73.6	73.9	74.1	74.3	74.3	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.6
IV 10000	73.0	75.7	76.1	76.3	76.4	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.8
IV 9000	74.2	76.4	76.7	76.9	77.1	77.1	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.4	77.4
IV 8000	75.4	77.6	78.0	78.2	78.4	78.4	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.7
IV 7000	76.2	78.5	78.9	79.1	79.2	79.3	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.6
IV 6000	77.0	79.4	79.8	80.0	80.2	80.2	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.5	80.5
IV 5000	78.3	80.9	81.3	81.6	81.7	81.8	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.1
IV 4500	78.9	81.6	82.0	82.2	82.4	82.4	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.8
IV 4000	80.2	83.0	83.4	83.7	83.9	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.3
IV 3500	81.0	83.9	84.4	84.6	84.8	84.9	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.2
IV 3000	82.3	85.4	85.9	86.1	86.4	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.8
IV 2500	83.4	86.7	87.3	87.5	87.8	87.8	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.2
IV 2000	84.7	88.3	88.9	89.2	89.5	89.5	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.9
IV 1800	85.1	88.8	89.4	89.7	90.0	90.0	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.4	90.4
IV 1500	86.0	89.9	90.6	91.0	91.3	91.3	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.7	91.7
IV 1200	86.8	91.1	91.9	92.3	92.6	92.7	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.1	93.1
IV 1000	87.3	92.0	92.8	93.3	93.6	93.7	93.9	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.2
IV 900	87.5	92.3	93.2	93.7	94.1	94.2	94.4	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.7
IV 800	87.7	92.8	93.8	94.3	94.8	94.8	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.4	95.4	95.5
IV 700	87.9	93.2	94.2	94.8	95.3	95.4	95.6	95.7	95.7	95.8	95.9	95.9	95.9	95.9	96.0	96.0
IV 600	88.0	93.5	94.6	95.3	95.9	96.0	96.3	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.7
IV 500	88.1	93.8	95.0	95.7	96.4	96.5	96.9	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.4	97.5
IV 400	88.1	93.9	95.2	96.0	96.9	97.0	97.5	97.6	97.7	97.9	97.9	97.9	97.9	98.0	98.1	98.1
IV 300	88.2	94.0	95.4	96.2	97.1	97.3	97.8	98.0	98.1	98.4	98.5	98.5	98.6	98.6	98.6	98.7
IV 200	88.2	94.0	95.4	96.2	97.2	97.4	98.0	98.3	98.3	98.7	98.8	98.8	99.0	99.0	99.1	99.2
IV 100	88.2	94.0	95.4	96.2	97.2	97.4	98.0	98.3	98.4	98.8	99.0	99.0	99.2	99.3	99.4	99.5
IV 0	88.2	94.0	95.4	96.2	97.2	97.4	98.0	98.3	98.4	98.8	99.0	99.0	99.2	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 274477

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

40-42, 45-72  
YEARS

JAN  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	54.2	56.2	56.5	56.7	56.8	56.9	57.0	57.0	57.0	57.1	57.2	57.2	57.2	57.2	57.3	57.5
≥ 20000	61.9	64.0	64.4	64.6	64.8	64.8	65.0	65.0	65.0	65.1	65.2	65.2	65.2	65.2	65.3	65.6
IV 18000	62.1	64.2	64.6	64.8	65.0	65.0	65.1	65.2	65.2	65.3	65.3	65.3	65.4	65.4	65.5	65.7
IV 16000	62.5	64.7	65.1	65.2	65.4	65.5	65.6	65.6	65.6	65.6	65.8	65.8	65.8	65.9	65.9	66.2
IV 14000	63.6	65.9	66.3	66.5	66.7	66.7	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.1	67.1	67.4
IV 12000	66.1	68.3	68.8	68.9	69.1	69.2	69.3	69.4	69.4	69.5	69.5	69.5	69.6	69.6	69.7	69.9
IV 10000	67.6	70.3	70.8	71.0	71.2	71.2	71.3	71.4	71.4	71.5	71.6	71.6	71.6	71.7	71.7	72.0
IV 9000	68.4	71.2	71.5	71.7	71.9	71.9	72.0	72.1	72.1	72.2	72.3	72.3	72.3	72.3	72.4	72.5
IV 8000	69.5	72.2	72.7	72.9	73.1	73.2	73.3	73.4	73.4	73.5	73.5	73.5	73.6	73.6	73.7	73.9
IV 7000	70.3	73.1	73.6	73.8	74.1	74.1	74.2	74.3	74.3	74.4	74.5	74.5	74.5	74.5	74.6	74.8
IV 6000	70.9	73.8	74.3	74.6	74.8	74.8	75.0	75.0	75.1	75.2	75.2	75.2	75.3	75.3	75.3	75.6
IV 5000	71.9	74.9	75.5	75.7	76.0	76.0	76.2	76.2	76.3	76.4	76.4	76.4	76.5	76.5	76.5	76.8
IV 4500	72.2	75.2	75.8	76.1	76.3	76.4	76.5	76.6	76.6	76.7	76.8	76.8	76.8	76.8	76.9	77.2
IV 4000	72.3	76.0	76.6	76.9	77.2	77.2	77.4	77.5	77.5	77.6	77.6	77.6	77.7	77.7	77.7	78.0
IV 3500	73.3	76.6	77.2	77.5	77.8	77.8	78.0	78.1	78.1	78.2	78.3	78.3	78.3	78.4	78.4	78.7
IV 3000	74.2	77.7	78.3	78.6	78.9	79.0	79.2	79.3	79.3	79.4	79.4	79.4	79.5	79.5	79.6	79.8
IV 2500	75.1	78.9	79.6	79.9	80.2	80.3	80.4	80.5	80.6	80.7	80.7	80.7	80.8	80.8	80.9	81.1
IV 2000	76.4	80.5	81.3	81.7	82.0	82.1	82.3	82.4	82.4	82.6	82.6	82.6	82.7	82.7	82.7	83.0
IV 1800	76.8	81.2	81.9	82.3	82.7	82.7	82.9	83.0	83.1	83.2	83.2	83.2	83.3	83.3	83.4	83.7
IV 1500	77.7	82.4	83.3	83.8	84.2	84.3	84.4	84.6	84.6	84.8	84.8	84.8	84.9	84.9	85.0	85.2
IV 1200	78.6	83.9	85.0	85.5	85.9	86.0	86.2	86.3	86.4	86.5	86.6	86.6	86.7	86.7	86.7	87.0
IV 1000	79.2	84.9	86.1	86.6	87.2	87.2	87.5	87.7	87.7	87.9	87.9	87.9	88.0	88.1	88.1	88.4
IV 900	79.4	85.3	86.7	87.3	87.8	87.9	88.2	88.4	88.4	88.6	88.7	88.7	88.8	88.8	88.9	89.1
IV 800	79.6	85.8	87.4	88.0	88.7	88.8	89.1	89.3	89.3	89.5	89.6	89.6	89.7	89.7	89.8	90.0
IV 700	79.8	86.4	88.1	88.8	89.6	89.7	90.1	90.3	90.3	90.5	90.6	90.6	90.7	90.8	90.8	91.1
IV 600	79.9	86.9	88.7	89.5	90.5	90.7	91.1	91.4	91.4	91.7	91.8	91.9	92.0	92.0	92.1	92.3
IV 500	80.0	87.2	89.1	90.1	91.4	91.6	92.2	92.5	92.5	93.0	93.1	93.1	93.2	93.3	93.4	93.6
IV 400	80.1	87.4	89.5	90.5	92.2	92.5	93.3	93.6	93.7	94.3	94.4	94.5	94.7	94.7	94.8	95.0
IV 300	80.1	87.5	89.7	90.8	92.6	93.0	94.0	94.5	94.6	95.4	95.6	95.7	95.9	96.0	96.1	96.4
IV 200	80.1	87.6	89.8	90.9	92.8	93.2	94.4	95.0	95.1	96.1	96.6	96.6	96.9	97.0	97.1	97.5
IV 100	80.1	87.6	89.8	90.9	92.9	93.2	94.5	95.1	95.3	96.4	96.9	97.0	97.4	97.5	97.8	98.2
IV 0	80.1	87.6	89.8	90.9	92.9	93.2	94.5	95.2	95.3	96.5	96.9	97.0	97.5	97.7	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS

22925

USAF ETAC

FORM  
AUG 64

0-14.5(OLA)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRICE \$1.00  
USAF ETAC  
AIR WEATHER SERVICE/AL

## CEILING VERSUS VISIBILITY

13945  
STATION

2ND ILL KLANUMA/POST FLD  
STATION NAME

40-42,45-72  
YEARS

FEB  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	53.2	55.5	55.9	56.2	56.4	56.4	56.5	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7
IV 18000	51.4	53.6	54.1	54.4	54.7	54.7	54.9	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.1
IV 16000	51.4	53.5	54.4	54.7	54.9	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.3	55.4
IV 14000	52.1	54.7	55.2	55.5	55.8	55.8	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.2
IV 12000	53.3	55.4	56.5	56.8	57.0	57.1	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.5
IV 10000	55.4	57.7	58.2	58.5	58.8	58.8	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.3
IV 8000	56.3	59.1	59.7	60.1	60.3	60.3	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.7	60.7	60.8
IV 7000	57.1	60.0	60.6	60.9	61.2	61.2	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.6	61.6	61.7
IV 6000	57.7	60.7	61.3	61.6	61.9	61.9	62.1	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.4
IV 5000	58.4	61.9	62.6	62.9	63.2	63.2	63.4	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.7
IV 4500	59.2	62.4	63.1	63.4	63.7	63.8	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.2
IV 4000	60.2	63.6	64.3	64.6	65.0	65.0	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.4	65.4	65.5
IV 3500	61.0	64.5	65.2	65.6	65.9	66.0	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.4	66.5
IV 3000	62.3	65.8	66.6	66.9	67.3	67.4	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.8	67.8	67.9
IV 2500	63.2	67.3	68.1	68.5	68.9	68.9	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.4	69.4
IV 2000	64.7	69.1	70.0	70.5	70.9	70.9	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.4	71.4	71.5
IV 1800	65.2	69.8	70.7	71.2	71.6	71.7	71.9	71.9	71.9	72.0	72.0	72.1	72.1	72.1	72.1	72.2
IV 1500	66.1	71.1	72.1	72.7	73.1	73.2	73.5	73.5	73.5	73.6	73.6	73.7	73.7	73.7	73.7	73.8
IV 1200	67.2	73.1	74.3	74.9	75.4	75.5	75.8	75.8	75.8	75.9	75.9	76.0	76.0	76.0	76.1	76.2
IV 1000	67.6	74.2	75.6	76.3	76.9	77.0	77.4	77.4	77.4	77.5	77.5	77.6	77.6	77.7	77.7	77.8
IV 900	68.3	74.7	76.2	77.0	77.6	77.7	78.1	78.1	78.1	78.2	78.2	78.3	78.3	78.4	78.4	78.5
IV 800	68.3	75.4	77.0	77.9	78.6	78.7	79.2	79.2	79.2	79.3	79.3	79.4	79.4	79.4	79.5	79.6
IV 700	68.5	76.0	77.7	78.7	79.5	79.6	80.2	80.3	80.3	80.5	80.5	80.6	80.6	80.7	80.7	80.8
IV 600	68.7	76.5	78.4	79.5	80.5	80.7	81.4	81.5	81.6	81.8	81.9	81.9	81.9	82.0	82.0	82.1
IV 500	68.8	76.9	79.0	80.3	81.5	81.7	82.5	82.7	82.8	83.1	83.3	83.3	83.4	83.4	83.4	83.5
IV 400	68.9	77.1	79.4	80.9	82.4	82.6	83.6	83.9	84.0	84.5	84.6	84.6	84.7	84.8	84.8	84.9
IV 300	68.9	77.3	79.7	81.3	83.0	83.3	84.4	84.9	85.0	85.7	85.9	86.0	86.1	86.2	86.3	86.4
IV 200	69.0	77.3	79.7	81.4	83.2	83.5	84.9	85.5	85.7	86.6	87.0	87.0	87.3	87.4	87.5	87.7
IV 100	69.0	77.3	79.7	81.4	83.2	83.6	85.0	85.6	85.8	86.9	87.3	87.4	87.9	88.0	88.3	88.6
IV 0	69.0	77.3	79.7	81.4	83.2	83.6	85.0	85.6	85.8	87.0	87.5	87.5	88.1	88.3	88.8	100.0

TOTAL NUMBER OF OBSERVATIONS 20880

DATA PROCESS 16 8x41 CM  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

40-42, 45-72  
YEARS

MAR  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	55.0	58.1	58.5	58.8	59.1	59.1	59.3	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.6	59.6
≥ 20000	63.4	66.1	66.6	66.9	67.2	67.3	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.8
IVV 18000	63.6	66.3	66.8	67.1	67.4	67.5	67.7	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	68.0
IVV 16000	63.7	66.4	67.1	67.4	67.7	67.8	68.3	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.3	68.3
IVV 14000	64.7	67.3	68.3	68.3	68.6	68.7	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.2	69.2	69.2
IVV 12000	66.3	69.3	70.3	70.7	71.0	71.1	71.3	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.6	71.6
IVV 10000	68.4	71.4	71.9	72.3	72.6	72.7	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.2	73.2	73.2
IVV 9000	68.3	71.3	72.4	72.8	73.1	73.2	73.5	73.5	73.5	73.6	73.6	73.6	73.7	73.7	73.7	73.7
IVV 8000	69.3	73.0	73.6	74.0	74.3	74.4	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.9	74.9
IVV 7000	70.8	74.3	74.6	75.0	75.3	75.4	75.6	75.7	75.7	75.8	75.8	75.8	75.9	75.9	75.9	75.9
IVV 6000	71.6	74.9	75.5	76.0	76.3	76.4	76.6	76.7	76.7	76.8	76.8	76.8	76.8	76.9	76.9	76.9
IVV 5000	73.0	76.5	77.1	77.6	77.9	78.0	78.3	78.3	78.3	78.4	78.4	78.4	78.5	78.5	78.5	78.6
IVV 4500	73.5	77.0	77.7	78.2	78.5	78.6	78.8	78.9	78.9	79.0	79.0	79.0	79.1	79.1	79.1	79.1
IVV 4000	74.3	78.5	79.1	79.7	80.0	80.1	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.7	80.7
IVV 3500	75.4	79.3	80.0	80.6	81.0	81.1	81.3	81.4	81.4	81.5	81.5	81.5	81.6	81.6	81.6	81.6
IVV 3000	76.7	80.9	81.6	82.2	82.6	82.7	83.0	83.1	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3
IVV 2500	78.0	82.4	83.3	83.8	84.3	84.5	84.8	84.8	84.8	84.9	85.0	85.0	85.0	85.0	85.1	85.1
IVV 2000	79.0	84.3	85.4	86.0	86.5	86.7	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.3	87.3
IVV 1800	80.2	85.2	86.1	86.8	87.3	87.4	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.1	88.1
IVV 1500	81.6	86.9	88.0	88.7	89.3	89.4	89.8	89.9	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.2
IVV 1200	82.7	88.6	89.9	90.6	91.3	91.4	91.9	92.0	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.3
IVV 1000	83.3	89.6	90.9	91.7	92.4	92.6	93.1	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.5	93.5
IVV 900	83.6	90.1	91.5	92.3	93.1	93.2	93.7	93.9	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.2
IVV 800	83.7	90.6	92.1	93.1	93.9	94.0	94.6	94.7	94.7	94.9	94.9	94.9	95.0	95.0	95.0	95.1
IVV 700	84.0	91.0	92.6	93.6	94.5	94.7	95.2	95.4	95.4	95.6	95.6	95.6	95.7	95.7	95.7	95.8
IVV 600	84.2	91.3	93.0	94.1	95.1	95.3	95.9	96.1	96.1	96.3	96.4	96.4	96.4	96.5	96.5	96.6
IVV 500	84.2	91.6	93.4	94.5	95.7	96.0	96.7	96.9	96.9	97.1	97.2	97.2	97.4	97.4	97.5	97.5
IVV 400	84.3	91.7	93.5	94.7	96.1	96.4	97.1	97.4	97.4	97.7	97.8	97.8	98.0	98.0	98.1	98.1
IVV 300	84.3	91.7	93.6	94.8	96.3	96.6	97.4	97.7	97.8	98.2	98.3	98.3	98.5	98.5	98.6	98.7
IVV 200	84.3	91.7	93.6	94.9	96.3	96.7	97.5	97.9	98.0	98.5	98.7	98.7	98.9	99.0	99.1	99.2
IVV 100	84.3	91.7	93.6	94.9	96.3	96.7	97.6	97.9	98.0	98.6	98.8	98.9	99.2	99.3	99.4	99.6
IVV 0	84.3	91.7	93.6	94.9	96.3	96.7	97.6	97.9	98.0	98.6	98.9	98.9	99.2	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 22940

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/44C

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42,45-72  
YEARS

APR  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (ST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	¾	½	¼	5/16	¼	≥ 0
NO CEILING ≥ 20000	54.1 62.4	55.9 64.6	56.2 64.9	56.5 65.3	56.7 65.5	56.7 65.5	56.9 65.6	56.9 65.7	56.9 65.7	57.0 65.7	57.0 65.8	57.0 65.8	57.0 65.8	57.0 65.8	57.0 65.8	57.1 65.8
IV 18000 16000	62.5 62.8	64.7 65.0	65.0 65.3	65.4 65.7	65.6 65.9	65.6 65.9	65.8 66.1	65.8 66.1	65.8 66.1	65.9 66.2	65.9 66.2	65.9 66.2	65.9 66.2	65.9 66.2	65.9 66.2	66.0 66.2
IV 14000 12000	63.5 65.7	65.8 68.0	66.1 68.4	66.4 68.8	66.7 69.0	66.7 69.0	66.8 69.2	66.9 69.2	66.9 69.2	67.0 69.3	67.0 69.3	67.0 69.3	67.0 69.3	67.0 69.3	67.0 69.3	67.0 69.4
IV 10000 9000	67.8 68.4	70.3 70.8	70.6 71.2	71.0 71.6	71.3 71.8	71.3 71.8	71.4 72.1	71.5 72.1	71.5 72.1	71.5 72.1	71.5 72.1	71.5 72.1	71.6 72.1	71.6 72.1	71.6 72.2	71.6 72.2
IV 8000 7000	69.4 70.4	72.0 73.0	72.3 73.4	72.7 73.7	73.0 74.0	73.0 74.0	73.1 74.2	73.2 74.2	73.2 74.2	73.2 74.3	73.2 74.3	73.2 74.3	73.3 74.3	73.3 74.3	73.3 74.3	73.3 74.4
IV 6000 5000	71.3 72.8	74.0 75.8	74.4 76.2	74.8 76.6	75.0 76.9	75.1 76.9	75.2 77.1	75.3 77.1	75.3 77.1	75.3 77.2	75.3 77.2	75.3 77.2	75.3 77.2	75.4 77.2	75.4 77.2	75.4 77.3
IV 4500 4000	73.5 75.1	76.6 78.3	77.0 78.8	77.4 79.2	77.7 79.5	77.7 79.5	77.9 79.7	78.0 79.8	78.0 79.8	78.0 79.8	78.0 79.8	78.0 79.8	78.0 79.9	78.0 79.9	78.1 79.9	78.1 79.9
IV 3500 3000	76.3 78.2	79.6 81.7	80.1 82.2	80.6 82.7	80.9 83.0	80.9 83.0	81.1 83.2	81.2 83.3	81.2 83.3	81.2 83.4	81.2 83.4	81.2 83.4	81.3 83.4	81.3 83.4	81.3 83.4	81.3 83.5
IV 2500 2000	80.2 82.3	83.9 86.5	84.5 87.1	85.0 87.6	85.3 88.0	85.3 88.0	85.5 88.2	85.6 88.3	85.6 88.3	85.7 88.4	85.7 88.4	85.7 88.4	85.7 88.4	85.7 88.4	85.7 88.4	85.8 88.5
IV 1800 1500	82.9 84.2	87.2 88.9	87.8 89.6	88.3 90.1	88.7 90.6	88.7 90.6	89.0 90.9	89.0 91.0	89.0 91.0	89.1 91.0	89.1 91.0	89.1 91.0	89.1 91.1	89.2 91.1	89.2 91.1	89.2 91.1
IV 1200 1000	85.5 86.4	90.6 91.8	91.3 92.6	91.9 93.3	92.4 93.8	92.5 93.8	92.7 94.1	92.8 94.2	92.8 94.2	92.9 94.3	92.9 94.3	92.9 94.3	92.9 94.4	92.9 94.4	93.0 94.4	93.0 94.4
IV 900 800	86.7 87.0	92.3 93.0	93.2 94.0	93.9 94.7	94.4 95.3	94.5 95.4	94.8 95.7	94.9 95.9	94.9 95.9	95.0 96.0	95.0 96.0	95.0 96.0	95.1 96.0	95.1 96.0	95.1 96.0	95.1 96.1
IV 700 600	87.1 87.3	93.4 93.9	94.5 95.1	95.3 96.0	96.0 96.7	96.1 96.8	96.4 97.2	96.5 97.3	96.5 97.3	96.6 97.4	96.6 97.5	96.6 97.5	96.7 97.5	96.7 97.5	96.7 97.5	96.7 97.6
IV 500 400	87.5 87.6	94.3 94.5	95.6 95.8	96.5 96.9	97.4 97.8	97.5 98.0	97.9 98.5	98.1 98.7	98.1 98.7	98.3 98.9	98.3 98.9	98.3 98.9	98.3 99.0	98.3 99.0	98.4 99.0	98.4 99.1
IV 300 200	87.6 87.6	94.5 94.5	96.0 96.0	97.0 97.0	98.0 98.0	98.2 98.2	98.7 98.8	98.9 99.0	99.0 99.1	99.2 99.4	99.2 99.4	99.3 99.5	99.3 99.6	99.4 99.6	99.4 99.7	99.4 99.7
IV 100 0	87.6 87.6	94.5 94.5	96.0 96.0	97.1 97.1	98.0 98.0	98.2 98.2	98.8 98.8	99.1 99.1	99.1 99.1	99.4 99.4	99.5 99.5	99.5 99.5	99.7 99.7	99.7 99.8	99.8 99.8	99.9 100.0

TOTAL NUMBER OF OBSERVATIONS 22728



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

34-42.45-72  
YEARS

MAY  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	¾	½	¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.6	55.9	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3
IV 20000	65.3	66.9	67.1	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 18000	65.5	67.1	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 16000	65.8	67.4	67.6	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.9
IV 14000	66.7	68.4	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 12000	68.8	70.5	70.8	70.8	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 10000	70.7	72.5	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1
IV 9000	71.4	73.2	73.5	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.8
IV 8000	72.5	74.4	74.7	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.0
IV 7000	73.2	75.2	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8
IV 6000	74.4	76.5	76.8	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2
IV 5000	76.0	78.4	78.7	78.8	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1
IV 4500	76.8	79.3	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0
IV 4000	78.8	81.5	81.9	82.1	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 3500	80.0	82.9	83.3	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 3000	82.0	85.2	85.6	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1
IV 2500	83.7	87.1	87.6	87.8	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 2000	85.7	89.4	89.9	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5
IV 1800	86.2	90.0	90.5	90.8	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2
IV 1500	87.3	91.5	92.1	92.4	92.6	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 1200	88.5	93.2	94.0	94.3	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8
IV 1000	89.2	94.3	95.1	95.5	95.8	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.1
IV 900	89.4	94.7	95.6	96.0	96.3	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6
IV 800	89.7	95.3	96.3	96.8	97.1	97.1	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.5
IV 700	89.8	95.6	96.6	97.2	97.5	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9
IV 600	89.9	95.8	96.9	97.5	97.9	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4
IV 500	89.9	96.0	97.3	97.9	98.4	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.9	98.9	99.0
IV 400	90.0	96.2	97.4	98.1	98.7	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4
IV 300	90.0	96.2	97.5	98.2	98.8	98.9	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.7
IV 200	90.0	96.2	97.5	98.2	98.9	99.0	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.8
IV 100	90.0	96.2	97.5	98.2	98.9	99.0	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.9
IV 0	90.0	96.2	97.5	98.2	98.9	99.0	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 23698

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42,45-72  
YEARS

JUN  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	61.2	62.2	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 20000	72.4	73.4	73.6	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 18000	72.6	73.6	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 16000	72.9	74.0	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 14000	73.6	74.9	75.1	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 12000	76.2	77.3	77.5	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 10000	78.4	79.6	79.9	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 9000	79.2	80.4	80.7	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 8000	80.5	81.8	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 7000	81.3	82.6	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 6000	82.2	83.7	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 5000	83.8	85.4	85.7	85.8	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 4500	84.5	86.2	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 4000	86.5	88.2	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 3500	87.8	89.6	90.0	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 3000	89.7	91.7	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4
IV 2500	91.2	93.4	93.8	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 2000	92.6	94.9	95.3	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7
IV 1800	92.9	95.2	95.7	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 1500	93.7	96.1	96.5	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0
IV 1200	94.2	96.8	97.3	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
IV 1000	94.6	97.3	97.8	97.9	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 900	94.7	97.5	98.0	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6
IV 800	95.0	97.8	98.3	98.5	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 700	95.1	98.1	98.5	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2
IV 600	95.2	98.2	98.7	98.9	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	95.2	98.3	98.9	99.1	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	95.3	98.4	99.0	99.2	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
IV 300	95.3	98.4	99.0	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	95.3	98.4	99.1	99.3	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	95.3	98.4	99.1	99.3	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	95.3	98.4	99.1	99.3	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 22635

DATA PREPARED BY  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,45-72  
YEARS

JUL  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	77.2	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2
IV 18000	77.5	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 16000	77.8	78.1	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 14000	78.1	79.5	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 12000	81.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8
IV 10000	85.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 9000	85.3	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 8000	87.2	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6
IV 7000	87.8	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3
IV 6000	88.4	89.9	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 5000	90.0	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7
IV 4500	91.6	92.1	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 4000	92.0	93.6	93.8	93.8	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 3500	92.7	94.4	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8
IV 3000	94.0	95.8	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3
IV 2500	94.6	96.6	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2
IV 2000	95.2	97.2	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1800	95.4	97.4	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 1600	95.7	97.7	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4
IV 1400	96.0	98.2	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9
IV 1200	96.2	98.4	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1000	96.3	98.6	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3
IV 900	96.3	98.6	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5
IV 800	96.4	98.7	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6
IV 700	96.4	98.8	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7
IV 600	96.5	98.8	99.2	99.4	99.5	99.7	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 500	96.5	98.9	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 400	96.5	98.9	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	96.5	98.9	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 200	96.5	98.9	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 100	96.5	98.9	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 0	6.5	78.9	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 22451

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

AUG  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	68.6	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
W 20000	77.2	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
W 18000	77.0	78.8	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
W 16000	77.5	79.1	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
W 14000	79.1	80.4	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
W 12000	81.7	83.1	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
W 10000	84.7	86.4	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
W 9000	85.0	87.2	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
W 8000	87.2	88.7	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
W 7000	87.2	89.5	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
W 6000	88.6	90.0	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
W 5000	90.3	92.3	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
W 4500	91.0	93.5	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
W 4000	92.5	94.7	95.0	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
W 3500	93.8	95.3	95.6	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
W 3000	93.8	96.1	96.5	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
W 2500	94.3	96.7	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
W 2000	94.7	97.2	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
W 1800	94.7	97.4	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
W 1500	95.1	97.7	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
W 1200	95.3	97.9	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
W 1000	95.4	98.2	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
W 900	95.5	98.2	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
W 800	95.5	98.4	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
W 700	95.6	98.5	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
W 600	95.7	98.6	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
W 500	95.7	98.6	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
W 400	95.7	98.7	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
W 300	95.7	98.7	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
W 200	95.7	98.7	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
W 100	95.7	98.7	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
W 50	95.7	98.7	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 23588

DATA PROCESSING CENTER  
USAF ETAC  
AIR WEATHER SERVICE/HAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

SEP  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	65.0	67.5	67.8	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 20000	72.0	74.1	74.2	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 18000	72.2	74.1	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6
IV 16000	72.4	74.3	74.6	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 14000	73.4	75.4	75.7	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 12000	75.2	77.4	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9
IV 10000	77.4	79.7	80.0	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 9000	79.0	80.4	80.6	80.7	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 8000	77.5	82.7	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6
IV 7000	80.1	82.0	82.9	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 6000	80.8	83.5	83.7	83.9	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 5000	82.4	85.3	85.6	85.8	85.8	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 4500	83.0	86.7	86.3	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 4000	84.3	87.4	87.8	87.9	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 3500	85.0	88.2	88.6	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 3000	86.2	89.6	90.0	90.2	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 2500	87.1	90.5	91.0	91.2	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 2000	87.9	91.6	92.1	92.3	92.5	92.5	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 1800	88.2	92.0	92.5	92.8	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 1500	88.5	92.0	93.6	93.8	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 1200	89.5	94.0	94.6	94.9	95.1	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 1000	90.0	94.7	95.4	95.7	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3
IV 900	90.3	95.1	95.8	96.2	96.5	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 800	90.5	95.6	96.4	96.7	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4
IV 700	90.7	95.9	96.8	97.2	97.7	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0
IV 600	90.8	96.2	97.2	97.7	98.1	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 500	90.9	96.4	97.4	97.9	98.5	98.6	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
IV 400	90.9	96.5	97.6	98.2	98.8	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5
IV 300	91.0	96.6	97.7	98.3	99.0	99.1	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8
IV 200	91.0	96.6	97.7	98.3	99.0	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9
IV 100	91.0	96.6	97.7	98.3	99.0	99.1	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9
IV 0	91.0	96.6	97.7	98.3	99.0	99.1	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

22967

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/ IAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

30-41,44-72  
YEARS

JCT  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	65.2	67.1	67.4	67.6	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.9	67.9	67.9	68.0
IV 20000	70.2	72.4	72.7	72.9	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.3
IV 18000	70.3	72.5	72.8	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.4	73.5
IV 16000	70.5	72.7	73.0	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.6	73.6
IV 14000	71.1	73.4	73.7	73.9	74.0	74.0	74.0	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.3
IV 12000	72.9	75.2	75.5	75.7	75.8	75.8	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.1	76.2
IV 10000	74.4	76.7	77.1	77.3	77.4	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.7	77.7	77.7	77.8
IV 9000	75.0	77.5	77.8	78.0	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.4	78.4	78.4	78.5
IV 8000	76.1	78.7	79.0	79.3	79.4	79.4	79.4	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.7	79.8
IV 7000	77.1	79.8	80.1	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.8	80.9
IV 6000	78.0	80.9	81.2	81.5	81.6	81.6	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.9	82.0
IV 5000	79.2	82.4	82.7	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.4	83.5
IV 4500	79.9	83.0	83.4	83.6	83.8	83.8	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.1	84.2
IV 4000	81.0	84.4	84.8	85.0	85.2	85.2	85.3	85.3	85.3	85.4	85.4	85.4	85.5	85.5	85.5	85.6
IV 3500	81.7	85.1	85.6	85.8	86.0	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.3	86.3	86.4
IV 3000	82.9	86.5	87.0	87.2	87.4	87.4	87.5	87.5	87.5	87.6	87.6	87.6	87.7	87.7	87.8	87.8
IV 2500	84.2	87.8	88.3	88.6	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.1	89.1	89.1	89.2
IV 2000	85.5	89.2	89.9	90.2	90.4	90.4	90.5	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.8	90.9
IV 1800	85.8	89.7	90.3	90.5	90.8	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.2
IV 1500	86.6	90.7	91.4	91.7	91.9	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.4
IV 1200	87.4	91.7	92.4	92.8	93.1	93.1	93.3	93.3	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.6
IV 1000	87.9	92.6	93.3	93.7	94.0	94.1	94.2	94.3	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.6
IV 900	88.1	93.0	93.7	94.2	94.5	94.5	94.7	94.7	94.8	94.8	94.9	94.9	94.9	94.9	95.0	95.1
IV 800	88.5	93.6	94.4	94.9	95.3	95.3	95.5	95.6	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.9
IV 700	88.7	94.0	94.8	95.3	95.7	95.8	96.0	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.3	96.4
IV 600	88.9	94.4	95.3	95.9	96.3	96.4	96.7	96.7	96.7	96.8	96.9	96.9	96.9	96.9	97.0	97.1
IV 500	89.0	94.8	95.8	96.4	97.0	97.1	97.4	97.5	97.5	97.6	97.6	97.7	97.7	97.7	97.8	97.9
IV 400	89.1	95.0	96.1	96.8	97.4	97.5	97.9	98.1	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.5
IV 300	89.1	95.1	96.3	97.0	97.8	97.9	98.3	98.6	98.6	98.8	98.9	98.9	99.0	99.0	99.1	99.1
IV 200	89.1	95.1	96.4	97.1	97.9	98.1	98.5	98.9	99.0	99.2	99.3	99.3	99.4	99.4	99.5	99.6
IV 100	89.1	95.1	96.4	97.1	97.9	98.1	98.6	98.9	99.0	99.3	99.4	99.4	99.5	99.6	99.7	99.8
IV 0	89.2	95.1	96.4	97.1	98.0	98.1	98.6	98.9	99.0	99.3	99.4	99.4	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 23026

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRG. C.  
USAF E. AC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FOUNT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

NOV  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	63.3	64.9	65.2	65.4	65.6	65.6	65.7	65.7	65.7	65.8	65.3	65.8	65.9	65.9	65.9	66.0
≥ 20000	70.5	72.2	72.7	72.9	73.1	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.4	73.4	73.4	73.6
≥ 18000	70.8	72.4	72.8	73.0	73.2	73.2	73.3	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.6	73.7
≥ 16000	70.7	72.6	73.0	73.2	73.4	73.4	73.5	73.5	73.5	73.6	73.6	73.6	73.7	73.7	73.7	73.8
≥ 14000	71.3	73.1	73.5	73.8	73.9	74.0	74.0	74.1	74.1	74.1	74.2	74.2	74.2	74.3	74.3	74.4
≥ 12000	72.7	74.6	75.0	75.2	75.4	75.4	75.5	75.6	75.6	75.6	75.7	75.7	75.7	75.8	75.8	75.9
≥ 10000	74.1	76.1	76.5	76.8	76.9	76.9	77.0	77.1	77.1	77.1	77.2	77.2	77.3	77.3	77.3	77.4
≥ 9000	74.6	76.7	77.1	77.3	77.5	77.5	77.6	77.6	77.7	77.7	77.8	77.8	77.8	77.9	77.9	78.0
≥ 8000	75.6	77.7	78.1	78.4	78.5	78.6	78.7	78.7	78.7	78.8	78.8	78.8	78.9	78.9	78.9	79.1
≥ 7000	76.4	78.6	79.0	79.3	79.5	79.5	79.6	79.6	79.7	79.7	79.8	79.8	79.8	79.9	79.9	80.0
≥ 6000	76.9	79.3	79.7	80.0	80.2	80.2	80.3	80.3	80.4	80.4	80.4	80.4	80.5	80.6	80.6	80.7
≥ 5000	77.7	80.2	80.7	81.0	81.2	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.5	81.5	81.6	81.7
≥ 4500	78.2	80.8	81.2	81.6	81.7	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.1	82.1	82.2	82.3
≥ 4000	79.3	81.7	82.2	82.6	82.8	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.1	83.1	83.2	83.3
≥ 3500	79.5	82.4	82.9	83.3	83.5	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.8	83.9	83.9	84.0
≥ 3000	80.5	83.6	84.1	84.5	84.7	84.7	84.8	84.8	84.9	84.9	85.0	85.0	85.0	85.1	85.1	85.2
≥ 2500	81.7	85.0	85.5	85.9	86.1	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.5	86.5	86.6	86.7
≥ 2000	83.1	86.7	87.4	87.8	88.0	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.4	88.4	88.5	88.6
≥ 1800	83.5	87.2	87.9	88.3	88.5	88.5	88.7	88.7	88.7	88.8	88.8	88.8	88.9	88.9	89.0	89.1
≥ 1500	84.5	88.4	89.2	89.6	89.9	89.9	90.0	90.0	90.1	90.1	90.2	90.2	90.3	90.3	90.3	90.4
≥ 1200	85.4	89.6	90.5	90.9	91.2	91.2	91.4	91.4	91.4	91.5	91.5	91.5	91.6	91.6	91.7	91.8
≥ 1000	86.0	90.7	91.6	92.1	92.5	92.5	92.7	92.7	92.7	92.8	92.8	92.8	92.9	93.0	93.0	93.1
≥ 900	86.2	91.1	92.0	92.6	93.0	93.0	93.2	93.2	93.2	93.3	93.4	93.4	93.5	93.5	93.5	93.6
≥ 800	86.4	91.7	92.7	93.4	93.8	93.9	94.1	94.1	94.2	94.2	94.3	94.3	94.4	94.4	94.4	94.5
≥ 700	86.5	92.1	93.3	94.0	94.5	94.5	94.7	94.8	94.8	94.9	94.9	94.9	95.0	95.0	95.1	95.2
≥ 600	86.7	92.6	93.8	94.6	95.1	95.2	95.4	95.5	95.6	95.6	95.7	95.7	95.8	95.8	95.9	96.0
≥ 500	86.8	92.9	94.3	95.2	95.9	95.9	96.3	96.4	96.5	96.5	96.6	96.6	96.7	96.7	96.8	96.9
≥ 400	86.8	93.1	94.5	95.6	96.4	96.6	97.0	97.2	97.2	97.4	97.5	97.5	97.6	97.6	97.7	97.8
≥ 300	86.8	93.2	94.7	95.8	96.8	97.0	97.5	97.8	97.9	98.1	98.2	98.2	98.4	98.4	98.5	98.6
≥ 200	86.8	93.2	94.8	95.9	97.0	97.2	97.8	98.1	98.2	98.6	98.7	98.8	98.9	99.0	99.0	99.2
≥ 100	86.8	93.2	94.8	95.9	97.0	97.2	97.8	98.2	98.3	98.7	98.9	98.9	99.2	99.2	99.3	99.6
≥ 0	86.8	93.2	94.8	95.9	97.0	97.2	97.8	98.2	98.3	98.8	99.0	99.0	99.2	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

22941

USAF ETAC

FORM  
JUL 64

0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

OEC  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	58.5	60.2	60.5	60.6	60.8	60.8	60.9	60.9	60.9	61.0	61.0	61.0	61.1	61.1	61.1	61.3
≥ 20000	65.0	67.0	67.4	67.5	67.8	67.8	67.9	68.0	68.0	68.1	68.1	68.1	68.1	68.2	68.2	68.4
IV 18000	65.2	67.2	67.6	67.7	67.9	68.0	68.1	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.4	68.6
IV 16000	65.4	67.4	67.8	67.9	68.2	68.2	68.3	68.4	68.4	68.5	68.5	68.5	68.5	68.6	68.6	68.8
IV 14000	66.1	68.1	68.5	68.7	68.9	68.9	69.1	69.1	69.1	69.2	69.2	69.2	69.3	69.3	69.4	69.5
IV 12000	67.7	69.8	70.2	70.4	70.6	70.7	70.8	70.8	70.8	70.9	71.0	71.0	71.0	71.0	71.1	71.3
IV 10000	69.1	71.3	71.7	71.8	72.1	72.1	72.3	72.3	72.3	72.4	72.4	72.4	72.5	72.5	72.6	72.7
IV 9000	69.6	71.9	72.3	72.4	72.7	72.7	72.9	72.9	72.9	73.0	73.0	73.0	73.1	73.1	73.2	73.4
IV 8000	70.8	73.2	73.6	73.7	74.0	74.0	74.2	74.2	74.2	74.3	74.3	74.3	74.4	74.4	74.5	74.7
IV 7000	71.5	74.0	74.4	74.6	74.8	74.9	75.0	75.0	75.0	75.1	75.2	75.2	75.2	75.2	75.3	75.5
IV 6000	72.1	74.6	75.0	75.2	75.4	75.5	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.9	75.9	76.1
IV 5000	73.2	75.9	76.3	76.5	76.8	76.8	77.0	77.0	77.0	77.1	77.2	77.2	77.2	77.2	77.3	77.5
IV 4500	73.8	76.5	76.9	77.1	77.3	77.4	77.5	77.6	77.6	77.7	77.7	77.7	77.8	77.8	77.9	78.0
IV 4000	74.5	77.3	77.8	78.0	78.2	78.3	78.4	78.5	78.5	78.6	78.6	78.6	78.7	78.7	78.8	78.9
IV 3500	75.1	78.0	78.5	78.7	79.0	79.0	79.2	79.3	79.3	79.4	79.4	79.4	79.4	79.5	79.5	79.7
IV 3000	76.1	79.3	79.8	80.0	80.3	80.4	80.5	80.6	80.6	80.7	80.7	80.7	80.8	80.8	80.9	81.1
IV 2500	77.0	80.4	81.0	81.2	81.5	81.6	81.7	81.8	81.8	81.9	81.9	81.9	82.0	82.0	82.1	82.2
IV 2000	78.2	82.0	82.7	82.9	83.3	83.3	83.5	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.8	84.0
IV 1800	78.6	82.5	83.3	83.5	83.9	83.9	84.1	84.2	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.6
IV 1500	79.6	84.0	84.7	85.1	85.4	85.5	85.7	85.8	85.8	85.9	85.9	85.9	86.0	86.0	86.1	86.2
IV 1200	80.4	85.3	86.2	86.6	87.0	87.1	87.3	87.4	87.4	87.5	87.6	87.6	87.6	87.7	87.7	87.9
IV 1000	81.0	86.3	87.4	87.9	88.3	88.4	88.7	88.8	88.8	88.9	89.0	89.0	89.1	89.1	89.1	89.3
IV 900	81.2	86.8	87.9	88.4	88.9	89.0	89.4	89.5	89.5	89.6	89.7	89.7	89.7	89.8	89.8	90.0
IV 800	81.4	87.4	88.7	89.3	89.9	90.0	90.3	90.5	90.5	90.6	90.7	90.7	90.8	90.8	90.8	91.0
IV 700	81.6	87.9	89.3	89.9	90.6	90.7	91.1	91.2	91.3	91.4	91.5	91.5	91.5	91.6	91.6	91.8
IV 600	81.7	88.4	89.8	90.6	91.4	91.6	92.1	92.2	92.3	92.4	92.5	92.5	92.6	92.6	92.7	92.9
IV 500	81.9	88.8	90.4	91.4	92.4	92.6	93.2	93.4	93.5	93.7	93.8	93.8	93.9	93.9	94.0	94.2
IV 400	81.9	89.0	90.8	92.0	93.3	93.5	94.3	94.6	94.7	94.9	95.1	95.1	95.2	95.3	95.4	95.6
IV 300	82.0	89.2	91.0	92.3	93.8	94.1	95.1	95.5	95.6	96.0	96.2	96.2	96.4	96.5	96.6	96.9
IV 200	82.0	89.2	91.1	92.4	94.0	94.3	95.4	96.0	96.1	96.7	97.0	97.0	97.4	97.5	97.7	98.0
IV 100	82.0	89.2	91.1	92.4	94.1	94.4	95.5	96.1	96.2	96.9	97.3	97.3	97.8	98.1	98.4	98.9
IV 0	82.0	89.2	91.1	92.4	94.1	94.4	95.5	96.1	96.2	96.9	97.3	97.4	97.9	98.2	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 23698

USAF ETAC FORM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/4AC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

40-42,45-72  
YEARS

JAN  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	58.8	60.9	61.4	61.8	62.1	62.1	62.3	62.3	62.3	62.4	62.4	62.4	62.5	62.5	62.5	62.7
≥ 20000	53.1	65.4	65.9	66.3	66.6	66.6	66.8	66.8	66.8	66.9	66.9	66.9	67.0	67.0	67.1	67.2
18000	63.2	65.4	66.0	66.4	66.7	66.7	66.9	66.9	66.9	67.0	67.0	67.0	67.1	67.1	67.1	67.3
16000	63.5	65.8	66.3	66.7	67.0	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.4	67.4	67.4	67.6
14000	65.0	67.3	67.8	68.2	68.5	68.5	68.7	68.7	68.7	68.8	68.8	68.8	68.9	68.9	68.9	69.1
12000	66.8	69.2	69.7	70.1	70.5	70.5	70.6	70.7	70.7	70.8	70.8	70.8	70.9	70.9	70.9	71.1
10000	68.5	71.0	71.6	71.9	72.3	72.3	72.5	72.5	72.5	72.6	72.6	72.6	72.7	72.7	72.7	72.9
9000	68.9	71.5	72.1	72.5	72.8	72.8	73.0	73.0	73.0	73.1	73.1	73.1	73.2	73.2	73.3	73.4
8000	69.8	72.6	73.2	73.6	74.0	74.0	74.1	74.2	74.2	74.3	74.3	74.3	74.4	74.4	74.4	74.6
7000	70.3	73.1	73.8	74.1	74.5	74.5	74.7	74.7	74.7	74.8	74.8	74.8	74.9	74.9	74.9	75.1
6000	71.1	74.1	74.7	75.2	75.5	75.5	75.8	75.8	75.8	75.9	75.9	75.9	76.0	76.0	76.1	76.2
5000	72.2	75.4	76.0	76.5	76.8	76.8	77.1	77.1	77.1	77.2	77.2	77.2	77.3	77.3	77.4	77.5
4500	72.3	75.8	76.4	76.8	77.2	77.3	77.5	77.5	77.5	77.6	77.6	77.6	77.7	77.7	77.8	77.9
4000	72.9	76.4	77.1	77.5	78.0	78.0	78.2	78.2	78.2	78.3	78.3	78.3	78.4	78.4	78.5	78.6
3500	73.6	77.2	77.8	78.3	78.7	78.7	79.0	79.0	79.0	79.1	79.1	79.1	79.2	79.2	79.3	79.4
3000	74.7	78.5	79.2	79.7	80.1	80.1	80.4	80.4	80.4	80.5	80.5	80.5	80.6	80.6	80.6	80.8
2500	75.5	79.6	80.3	80.8	81.2	81.2	81.5	81.5	81.5	81.6	81.6	81.6	81.7	81.7	81.8	81.9
2000	76.6	81.2	81.9	82.4	82.8	82.8	83.1	83.1	83.1	83.3	83.3	83.3	83.4	83.4	83.4	83.5
1800	76.9	81.8	82.5	83.0	83.4	83.4	83.7	83.8	83.8	83.9	83.9	83.9	84.0	84.0	84.0	84.2
1500	77.6	82.8	83.8	84.4	84.9	84.9	85.2	85.3	85.3	85.4	85.4	85.4	85.5	85.5	85.6	85.7
1200	78.3	83.9	85.0	85.6	86.2	86.2	86.6	86.7	86.7	86.8	86.8	86.8	86.9	86.9	87.0	87.1
1000	79.0	84.9	86.1	86.8	87.5	87.5	87.9	88.0	88.0	88.1	88.1	88.1	88.2	88.3	88.3	88.4
900	79.2	85.2	86.5	87.2	88.1	88.1	88.4	88.5	88.5	88.6	88.6	88.6	88.7	88.8	88.8	89.0
800	79.4	85.8	87.2	87.9	88.9	88.9	89.3	89.4	89.4	89.5	89.5	89.5	89.6	89.7	89.7	89.8
700	79.5	86.4	87.7	88.5	89.5	89.5	89.9	90.0	90.0	90.2	90.2	90.2	90.3	90.3	90.4	90.5
600	79.9	87.1	88.5	89.4	90.5	90.5	91.1	91.3	91.3	91.5	91.5	91.5	91.6	91.7	91.7	91.9
500	80.0	87.7	89.2	90.1	91.4	91.4	92.1	92.3	92.3	92.7	92.7	92.7	92.8	92.9	92.9	93.0
400	80.2	88.0	89.7	90.8	92.2	92.3	93.2	93.4	93.4	94.0	94.0	94.0	94.1	94.2	94.2	94.3
300	80.2	88.2	89.9	91.1	92.7	92.8	94.0	94.3	94.3	95.1	95.2	95.2	95.4	95.5	95.5	95.7
200	82.2	88.2	89.9	91.1	92.8	92.9	94.3	94.9	94.9	95.8	96.1	96.1	96.2	96.3	96.4	96.6
100	80.2	88.2	90.0	91.2	92.9	93.0	94.4	95.1	95.1	96.5	96.8	96.8	97.1	97.2	97.3	97.7
0	80.2	88.2	90.0	91.2	92.9	93.0	94.4	95.1	95.1	96.5	96.8	96.8	97.3	97.5	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2862

USAF ETAC FORM 0-14-5(OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING and Co.  
USAF ETAC  
AIR WEATHER SERVICE/NAAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/PCST FLD  
STATION NAME

40-42, 45-72  
YEARS

JAN  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	55.6	58.7	59.2	59.3	59.5	59.5	59.5	59.5	59.5	59.7	59.8	59.8	60.1	60.1	60.2	61.0
≥ 20000	60.2	63.5	64.0	64.1	64.3	64.3	64.3	64.4	64.4	64.6	64.7	64.7	65.0	65.0	65.2	66.0
IV 18000	60.5	63.6	64.1	64.2	64.4	64.4	64.5	64.5	64.5	64.8	64.9	64.9	65.1	65.2	65.3	66.1
IV 16000	60.8	63.9	64.5	64.5	64.7	64.7	64.8	64.8	64.8	65.1	65.2	65.2	65.4	65.5	65.6	66.4
IV 14000	62.0	65.2	65.8	65.9	66.1	66.1	66.1	66.1	66.4	66.5	66.5	66.5	66.8	66.8	66.9	67.7
IV 12000	63.6	66.8	67.4	67.5	67.7	67.7	67.7	67.8	67.8	68.1	68.2	68.2	68.4	68.5	68.6	69.4
IV 10000	65.4	68.5	69.5	69.6	69.8	69.8	69.8	69.9	69.9	70.1	70.3	70.3	70.5	70.6	70.7	71.5
IV 9000	65.9	69.5	70.1	70.2	70.4	70.4	70.5	70.5	70.5	70.8	70.9	70.9	71.2	71.2	71.4	72.2
IV 8000	66.7	70.4	71.0	71.1	71.3	71.3	71.3	71.4	71.4	71.6	71.8	71.8	72.0	72.1	72.2	73.0
IV 7000	67.4	71.2	71.8	71.9	72.1	72.1	72.2	72.2	72.2	72.5	72.6	72.6	72.9	72.9	73.1	73.9
IV 6000	67.8	71.7	72.4	72.5	72.7	72.7	72.7	72.8	72.8	73.0	73.2	73.2	73.5	73.5	73.7	74.5
IV 5000	68.3	73.1	73.7	73.8	74.0	74.0	74.1	74.1	74.1	74.4	74.5	74.5	74.8	74.8	75.0	75.8
IV 4500	69.1	73.4	74.1	74.2	74.4	74.4	74.5	74.5	74.5	74.8	74.9	74.9	75.2	75.2	75.4	76.2
IV 4000	69.5	74.0	74.7	74.8	75.0	75.0	75.1	75.2	75.2	75.5	75.6	75.6	75.9	75.9	76.1	76.9
IV 3500	70.0	74.5	75.3	75.4	75.7	75.7	75.7	75.8	75.8	76.1	76.2	76.2	76.6	76.6	76.8	77.6
IV 3000	71.2	76.0	76.8	76.9	77.2	77.2	77.3	77.3	77.3	77.6	77.8	77.8	78.1	78.1	78.3	79.1
IV 2500	72.2	77.3	78.2	78.3	78.6	78.6	78.7	78.8	78.8	79.1	79.2	79.2	79.5	79.6	79.7	80.6
IV 2000	73.3	78.9	79.7	79.9	80.2	80.2	80.3	80.4	80.4	80.8	80.9	80.9	81.3	81.3	81.5	82.3
IV 1800	73.6	79.3	80.2	80.3	80.7	80.7	80.8	80.9	80.9	81.2	81.3	81.3	81.7	81.7	81.9	82.7
IV 1500	74.0	80.2	81.4	81.6	82.0	82.0	82.1	82.2	82.2	82.5	82.7	82.7	83.0	83.1	83.2	84.0
IV 1200	74.9	81.7	82.9	83.1	83.6	83.6	83.7	83.9	83.9	84.2	84.3	84.3	84.7	84.7	84.9	85.7
IV 1000	75.4	82.5	83.9	84.3	84.8	84.8	85.0	85.1	85.1	85.4	85.6	85.6	86.0	86.0	86.2	87.0
IV 900	75.6	82.8	84.3	84.6	85.2	85.2	85.4	85.5	85.5	85.9	86.0	86.1	86.4	86.5	86.6	87.4
IV 800	75.7	83.1	84.7	85.1	85.9	85.9	86.1	86.2	86.2	86.5	86.7	86.7	87.1	87.2	87.3	88.1
IV 700	76.2	84.0	85.8	86.1	87.0	87.0	87.3	87.4	87.4	87.7	87.9	88.0	88.3	88.4	88.5	89.4
IV 600	76.4	84.5	86.3	86.8	87.8	87.8	88.1	88.3	88.3	88.7	88.9	89.0	89.3	89.4	89.5	90.3
IV 500	76.5	84.7	86.6	87.3	88.6	88.6	89.1	89.4	89.4	89.7	89.9	90.0	90.4	90.4	90.6	91.4
IV 400	76.6	84.8	86.8	87.7	89.5	89.5	90.1	90.4	90.4	90.8	91.0	91.1	91.5	91.5	91.7	92.5
IV 300	76.7	85.0	87.2	88.1	90.0	90.0	91.0	91.4	91.4	91.9	92.2	92.4	92.8	92.8	93.0	93.9
IV 200	76.7	85.2	87.4	88.3	90.5	90.6	91.7	92.2	92.4	93.3	93.9	94.0	94.6	94.6	94.8	95.7
IV 100	76.7	85.2	87.4	88.3	90.5	90.6	91.8	92.3	92.5	93.7	94.2	94.4	95.4	95.5	95.8	96.8
IV 0	76.7	85.2	87.4	88.3	90.5	90.6	91.8	92.4	92.5	93.8	94.5	94.4	95.5	95.7	95.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2864

USAF ETAC FORM 0-14-5(OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

F. PT SILL OKLAHOMA/POST FLD  
STATION NAME

40-42, 45-72  
YEARS

JAN  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (ST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.0	53.7	54.4	54.7	54.9	55.2	55.2	55.2	55.2	55.5	55.5	55.4	55.6	55.7	55.8	56.5
≥ 20000	56.1	59.5	60.2	60.6	61.0	61.2	61.3	61.3	61.3	61.6	61.7	61.7	61.8	61.9	62.0	62.8
IN 18000	56.2	59.7	60.4	60.8	61.2	61.2	61.5	61.5	61.5	61.8	61.9	61.9	62.0	62.1	62.2	63.0
IN 16000	56.6	60.1	60.8	61.2	61.6	61.6	61.9	61.9	61.9	62.2	62.3	62.3	62.4	62.5	62.6	63.4
IN 14000	57.9	61.4	62.1	62.6	62.9	63.0	63.2	63.2	63.2	63.5	63.6	63.6	63.8	63.8	64.0	64.8
IN 12000	60.1	63.8	64.7	65.2	65.6	65.6	65.8	65.9	65.8	66.1	66.2	66.2	66.4	66.4	66.6	67.4
IN 10000	61.3	65.1	66.0	66.5	66.8	66.9	67.1	67.2	67.2	67.5	67.6	67.6	67.7	67.7	67.9	68.7
IN 9000	61.9	65.8	66.7	67.2	67.5	67.6	67.8	67.9	67.9	68.2	68.3	68.3	68.4	68.4	68.6	69.4
IN 8000	63.1	67.2	68.1	68.6	69.0	69.1	69.3	69.3	69.3	69.7	69.8	69.8	69.9	69.9	70.1	70.9
IN 7000	63.8	68.1	68.9	69.5	69.9	69.9	70.1	70.2	70.2	70.5	70.6	70.6	70.7	70.7	70.9	71.7
IN 6000	64.5	68.8	69.8	70.4	70.8	70.8	71.1	71.1	71.1	71.4	71.5	71.5	71.7	71.7	71.9	72.7
IN 5000	65.5	70.0	70.9	71.5	72.0	72.0	72.2	72.3	72.3	72.6	72.7	72.7	72.9	72.9	73.1	73.9
IN 4500	65.6	70.1	71.1	71.7	72.1	72.2	72.4	72.4	72.4	72.8	72.9	72.9	73.0	73.1	73.2	74.0
IN 4000	66.2	70.9	71.8	72.5	73.0	73.0	73.2	73.3	73.3	73.7	73.8	73.8	73.9	74.0	74.2	74.9
IN 3500	66.7	71.6	72.6	73.2	73.6	73.6	74.1	74.2	74.2	74.6	74.7	74.7	74.9	74.9	75.1	75.8
IN 3000	67.4	72.5	73.5	74.2	74.7	74.8	75.2	75.1	75.1	75.5	75.7	75.7	75.8	75.8	76.0	76.8
IN 2500	68.2	73.5	74.5	75.2	75.9	75.9	76.1	76.2	76.2	76.6	76.8	76.8	76.9	76.9	77.1	77.9
IN 2000	69.4	75.0	76.2	77.0	77.6	77.7	78.2	78.0	78.0	78.4	78.6	78.6	78.7	78.8	78.9	79.7
IN 1800	69.8	75.5	76.8	77.5	78.2	78.2	78.5	78.5	78.5	79.0	79.1	79.1	79.2	79.3	79.4	80.2
IN 1500	70.5	76.8	78.1	78.8	79.7	79.7	80.0	80.1	80.1	80.6	80.7	80.7	80.8	80.9	81.1	81.9
IN 1200	71.6	78.2	79.8	80.6	81.5	81.6	81.9	82.1	82.1	82.5	82.7	82.7	82.9	82.9	83.1	83.9
IN 1000	72.1	79.2	80.7	81.6	82.7	82.8	83.2	83.4	83.4	83.9	84.0	84.0	84.2	84.4	84.6	85.3
IN 900	72.3	79.6	81.3	82.2	83.2	83.4	83.9	84.0	84.0	84.5	84.7	84.7	85.0	85.0	85.2	86.0
IN 800	72.5	79.9	81.7	82.7	83.8	83.9	84.4	84.6	84.6	85.1	85.2	85.2	85.5	85.6	85.8	86.6
IN 700	72.7	80.4	82.3	83.4	84.6	84.8	85.4	85.5	85.5	86.0	86.2	86.2	86.5	86.5	86.7	87.5
IN 600	73.0	80.8	82.8	83.9	85.2	85.4	86.2	86.4	86.4	87.0	87.2	87.2	87.5	87.6	87.8	88.6
IN 500	73.1	81.1	83.2	84.4	86.0	86.2	87.2	87.3	87.3	88.0	88.2	88.2	88.6	88.6	88.9	89.7
IN 400	73.1	81.3	83.5	84.8	86.8	87.1	88.3	88.5	88.5	89.6	89.8	89.9	90.2	90.4	90.7	91.4
IN 300	73.2	81.5	83.9	85.3	87.3	87.8	89.2	89.6	89.6	90.9	91.2	91.4	92.0	92.1	92.4	93.2
IN 200	73.2	81.6	84.0	85.5	87.7	88.2	89.9	90.4	90.4	92.1	92.7	92.7	93.5	93.7	94.0	95.0
IN 100	73.2	81.8	84.0	85.5	87.7	88.2	90.1	90.7	90.7	92.6	93.2	93.2	94.1	94.4	95.0	96.1
IN 0	73.2	81.6	84.0	85.5	87.7	88.2	90.1	90.7	90.8	92.7	93.3	93.4	94.5	94.8	95.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2871



DATA PROCESS. & STATION  
USAF ETAC  
AIR WEATHER SERVICE/AC

## CEILING VERSUS VISIBILITY

13945  
STATION

ROBT HILL OKLAHOMA/POST FLD  
STATION NAME

40-42,45-72  
YEARS

JAN  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS(IST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	47.5	48.7	49.1	49.2	49.3	49.3	49.4	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.9
IV 18000 16000	55.2	58.3	58.7	58.8	59.0	59.0	59.1	59.3	59.3	59.4	59.4	59.4	59.5	59.5	59.5	59.7
IV 14000 12000	55.8	58.7	59.4	59.5	59.7	59.7	59.8	60.0	60.0	60.1	60.1	60.1	60.2	60.2	60.2	60.4
IV 10000 9000	57.7	59.9	60.3	60.4	60.6	60.6	60.7	60.9	60.9	61.0	61.0	61.0	61.1	61.1	61.1	61.3
IV 8000 7000	60.9	62.7	63.5	63.6	63.9	63.9	64.1	64.2	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.7
IV 6000 5000	62.7	64.8	65.6	65.7	65.9	66.0	66.2	66.3	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.8
IV 4500 4000	63.3	65.7	66.5	66.6	66.9	66.9	67.1	67.2	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.7
IV 3500 3000	64.6	67.1	67.8	68.0	68.2	68.3	68.5	68.6	68.6	68.7	68.7	68.7	68.8	68.8	68.8	69.1
IV 2500 2000	65.4	67.9	68.7	68.9	69.1	69.2	69.4	69.5	69.5	69.6	69.7	69.7	69.7	69.7	69.7	70.0
IV 1800 1500	66.3	68.6	69.4	69.6	69.9	70.0	70.2	70.3	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.8
IV 1200 1000	66.9	69.6	70.5	70.7	71.0	71.1	71.3	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.9
IV 900 800	67.2	70.0	70.9	71.1	71.4	71.5	71.7	71.9	71.9	72.0	72.0	72.0	72.1	72.1	72.1	72.3
IV 700 600	67.8	70.7	71.6	71.9	72.2	72.3	72.6	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	73.2
IV 500 400	68.1	71.0	72.0	72.2	72.6	72.7	73.0	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.6
IV 300 200	68.9	72.1	73.0	73.3	73.7	73.8	74.1	74.2	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.8
IV 100 0	69.5	73.5	74.6	74.9	75.3	75.4	75.7	75.8	75.9	76.0	76.0	76.0	76.1	76.1	76.1	76.3
IV 0	71.2	75.1	76.2	76.6	77.2	77.3	77.6	77.7	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.3
IV 0	71.8	75.7	76.9	77.5	77.9	78.0	78.3	78.5	78.5	78.7	78.8	78.8	78.8	78.8	78.8	79.1
IV 0	72.8	76.8	78.2	78.8	79.3	79.3	79.7	79.9	79.9	80.2	80.2	80.2	80.3	80.3	80.3	80.6
IV 0	73.7	78.2	79.8	80.4	80.9	81.0	81.4	81.5	81.6	81.8	81.9	81.9	81.9	81.9	81.9	82.2
IV 0	74.2	79.3	80.9	81.5	82.1	82.2	82.6	82.8	82.8	83.0	83.1	83.1	83.2	83.2	83.2	83.5
IV 0	74.6	79.9	81.6	82.4	83.0	83.1	83.6	83.8	83.8	84.1	84.2	84.3	84.3	84.3	84.3	84.6
IV 0	74.6	80.6	82.4	83.3	84.1	84.3	84.8	85.1	85.1	85.4	85.6	85.6	85.7	85.7	85.7	86.0
IV 0	74.9	81.1	83.1	84.1	85.0	85.2	85.8	86.1	86.1	86.4	86.6	86.6	86.7	86.7	86.7	87.0
IV 0	75.2	81.6	83.7	84.9	86.2	86.5	87.3	87.6	87.6	88.0	88.2	88.3	88.3	88.3	88.5	88.8
IV 0	75.2	82.1	84.3	85.0	87.6	88.1	89.3	89.7	89.8	90.2	90.4	90.5	90.6	90.6	90.8	91.1
IV 0	75.2	82.3	84.8	86.4	88.4	89.1	90.5	91.3	91.6	92.4	92.8	92.8	93.1	93.1	93.2	93.5
IV 0	75.2	82.5	85.2	86.8	88.9	89.7	91.4	92.3	92.6	93.9	94.5	94.6	94.8	94.9	95.0	95.5
IV 0	75.2	82.5	85.2	86.8	89.1	90.0	91.8	93.0	93.2	94.8	95.6	95.7	96.1	96.2	96.5	97.0
IV 0	75.2	82.5	85.3	86.9	89.2	90.0	92.0	93.1	93.4	95.1	96.0	96.2	96.6	96.8	97.3	98.0
IV 0	75.2	82.5	85.3	86.9	89.2	90.0	92.0	93.2	93.4	95.1	96.1	96.2	96.8	97.0	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2866



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FJPT SILL OKLAHOMA/POST FLG  
STATION NAME

40-42,45-72  
YEARS

JAN  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.3	51.0	51.2	51.2	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
IV 20000	60.6	61.8	62.0	62.0	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IV 18000	61.0	62.1	62.3	62.3	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
IV 16000	61.4	62.5	62.7	62.8	63.0	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IV 14000	62.7	63.9	64.1	64.1	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IV 12000	65.7	66.9	67.1	67.1	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 10000	68.2	69.5	69.8	69.8	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 9000	68.7	70.1	70.3	70.4	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 8000	70.1	71.5	71.8	71.9	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 7000	71.1	72.6	72.9	72.9	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 6000	71.7	73.3	73.6	73.6	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 5000	72.6	74.4	74.6	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 4500	72.8	74.5	74.8	74.9	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 4000	73.2	75.1	75.4	75.6	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 3500	75.6	75.5	75.8	76.1	76.4	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 3000	74.9	76.9	77.2	77.5	77.8	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 2500	75.9	78.4	78.7	79.0	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 2000	77.2	80.0	80.4	80.6	81.0	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4
IV 1800	77.3	80.7	81.1	81.4	81.8	81.8	81.9	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2
IV 1500	79.3	82.5	83.0	83.4	83.8	83.9	83.9	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3
IV 1200	80.0	84.7	85.5	85.9	86.3	86.3	86.4	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 1000	81.5	86.4	87.4	87.9	88.4	88.4	88.5	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0
IV 900	81.4	87.3	88.2	88.8	89.3	89.4	89.4	89.8	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0
IV 800	82.1	87.6	89.2	89.8	90.4	90.5	90.6	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1
IV 700	82.2	88.1	89.9	90.5	91.3	91.5	91.6	92.0	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2
IV 600	82.2	88.5	90.6	91.4	92.6	93.0	93.2	93.7	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0
IV 500	82.3	88.9	91.2	92.0	93.9	94.2	94.6	95.2	95.3	95.4	95.4	95.5	95.6	95.6	95.6	95.6
IV 400	82.3	89.3	91.7	92.7	94.9	95.3	95.8	96.4	96.5	96.7	96.8	96.9	97.0	97.0	97.0	97.0
IV 300	82.3	89.5	91.9	93.0	95.2	95.7	96.4	97.1	97.2	97.7	97.9	98.0	98.2	98.2	98.2	98.2
IV 200	82.3	89.5	91.9	93.1	95.4	95.9	96.7	97.5	97.7	98.2	98.7	98.8	99.1	99.1	99.1	99.2
IV 100	82.3	89.5	91.9	93.1	95.5	95.9	96.7	97.6	97.8	98.5	98.9	99.0	99.3	99.3	99.4	99.5
IV 0	82.3	89.5	91.9	93.1	95.5	95.9	96.7	97.6	97.8	98.5	98.9	99.0	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 2866

DATA PROCESSING CH.  
USAF ETAC  
AIR WEATHER SERVICE/4AC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

40-42,45-72  
YEAR

JAN  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LT.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.2	53.3	53.4	53.4	53.5	53.5	53.5	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 20000	64.2	65.8	65.9	66.0	66.1	66.1	66.1	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4
18000	64.9	66.0	66.1	66.2	66.2	66.3	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
16000	65.6	66.5	66.8	66.9	66.9	66.9	67.0	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2
14000	66.9	67.9	68.1	68.1	68.2	68.2	68.2	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5
12000	69.4	70.5	70.8	70.8	70.9	70.9	70.9	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2
10000	71.5	73.1	73.3	73.4	73.4	73.4	73.5	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7
9000	72.8	74.0	74.2	74.3	74.3	74.3	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
8000	74.0	75.2	75.5	75.6	75.6	75.7	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
7000	74.9	76.2	76.4	76.5	76.5	76.6	76.6	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9
6000	75.4	76.7	77.0	77.0	77.1	77.1	77.1	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
5000	76.4	77.8	78.2	78.3	78.3	78.3	78.4	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
4500	77.3	78.5	78.8	78.9	78.9	79.0	79.0	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
4000	77.9	79.5	79.9	80.1	80.1	80.1	80.2	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4
3500	78.5	80.0	80.3	80.5	80.6	80.6	80.6	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9
3000	79.3	81.0	81.4	81.6	81.7	81.7	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
2500	80.3	82.2	82.6	82.8	82.9	82.9	83.0	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
2000	82.4	84.7	85.2	85.4	85.5	85.5	85.7	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
1800	83.2	85.5	86.1	86.3	86.4	86.4	86.6	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
1500	84.2	87.3	87.9	88.2	88.3	88.3	88.5	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
1200	85.4	88.8	89.5	90.0	90.2	90.2	90.4	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
1000	85.4	89.8	90.8	91.3	91.4	91.4	91.6	91.8	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.0
900	85.4	90.2	91.3	91.8	91.9	91.9	92.1	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
800	85.8	90.8	92.2	92.7	92.9	92.9	93.1	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.5	93.5
700	86.1	91.5	93.0	93.6	94.1	94.2	94.4	94.5	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9
600	86.1	91.8	93.4	94.2	94.9	95.1	95.4	95.6	95.8	96.0	96.2	96.2	96.2	96.2	96.2	96.2
500	86.1	91.9	93.6	94.5	95.5	95.7	96.1	96.4	96.5	96.9	97.1	97.1	97.1	97.1	97.2	97.2
400	86.1	91.9	93.8	94.6	95.8	96.1	96.7	96.9	97.1	97.5	97.7	97.8	97.8	97.8	97.9	97.9
300	86.1	91.9	93.8	94.7	96.0	96.3	96.9	97.4	97.6	98.2	98.5	98.6	98.6	98.7	98.7	98.8
200	86.1	91.9	93.8	94.7	96.1	96.5	97.1	97.6	97.9	98.6	99.0	99.1	99.2	99.3	99.4	99.5
100	86.1	91.9	93.8	94.7	96.2	96.5	97.2	97.6	97.9	98.6	99.1	99.2	99.4	99.4	99.5	99.7
0	86.1	91.9	93.8	94.7	96.2	96.5	97.2	97.6	97.9	98.6	99.1	99.2	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2869

DATA PROCESS 13 GRA. Co.  
USAF ETAC  
AIR WEATHER SERVICE/4AC

## CEILING VERSUS VISIBILITY

13945  
STATION

PORT SILL OKLAHOMA/POST FLD  
STATION NAME

40-42,45-72  
YEARS

JAN  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS(IST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
NO CEILING	56.1	59.6	59.7	59.8	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 20000	57.4	69.3	69.4	69.6	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9
IN 18000	67.4	69.3	69.4	69.6	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9
IN 16000	67.4	69.3	69.4	69.6	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9
IN 14000	68.7	70.9	71.1	71.2	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5
IN 12000	71.1	73.3	73.4	73.6	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9
IN 10000	72.3	75.4	75.5	75.7	75.9	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IN 9000	73.3	76.2	76.4	76.6	76.7	76.7	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IN 8000	74.9	77.4	77.6	77.8	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IN 7000	75.8	78.4	78.7	78.9	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IN 6000	76.2	78.8	79.2	79.4	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IN 5000	77.2	80.0	80.4	80.6	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0
IN 4500	77.4	80.4	80.8	81.0	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4
IN 4000	78.2	81.2	81.7	81.9	82.1	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IN 3500	78.7	81.9	82.4	82.6	82.8	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IN 3000	79.2	82.9	83.4	83.6	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1
IN 2500	80.1	83.8	84.3	84.5	84.7	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.1
IN 2000	81.3	85.4	86.0	86.2	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8
IN 1800	81.7	86.3	86.7	86.9	87.1	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5
IN 1600	82.5	87.3	88.1	88.3	88.6	88.7	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IN 1400	83.4	88.7	89.7	90.0	90.3	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.7
IN 1200	83.8	89.3	90.4	90.7	91.1	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.6	91.6
IN 1000	83.9	89.7	91.0	91.4	91.8	92.0	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.4	92.4
IN 900	84.0	90.2	91.7	92.1	92.6	92.8	92.9	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IN 800	84.0	90.2	91.7	92.1	92.6	92.8	92.9	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IN 700	84.1	90.8	92.6	93.1	93.5	93.8	93.9	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.3
IN 600	84.2	91.2	93.1	93.6	94.3	94.6	94.7	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.2	95.2
IN 500	84.2	91.3	93.2	93.9	94.8	95.0	95.4	95.5	95.5	95.9	95.9	95.9	95.9	95.9	96.0	96.0
IN 400	84.2	91.4	93.5	94.3	95.5	95.8	96.3	96.4	96.5	97.0	97.1	97.1	97.1	97.1	97.2	97.2
IN 300	84.2	91.4	93.5	94.3	95.8	96.2	97.0	97.2	97.3	98.0	98.1	98.1	98.2	98.2	98.3	98.3
IN 200	84.2	91.4	93.5	94.3	96.0	96.4	97.5	97.7	97.9	98.6	98.8	98.8	99.0	99.0	99.1	99.2
IN 100	84.2	91.4	93.5	94.3	96.0	96.4	97.5	97.7	97.9	98.7	98.9	99.0	99.1	99.2	99.3	99.5
IN 0	84.2	91.4	93.5	94.3	96.0	96.4	97.5	97.7	97.9	98.7	98.9	99.0	99.2	99.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2864

DATA PROCESS AREA CH  
USAF ETAC  
WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

40-42,45-72  
YEARS

JAN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (ST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	61.2	63.7	63.8	64.0	64.0	64.2	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 20000	66.8	69.5	69.7	69.9	69.9	70.1	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.5	70.5	70.5
W 18000	66.8	69.5	69.7	69.9	69.9	70.1	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.5	70.5	70.5
W 16000	67.2	69.9	70.1	70.3	70.3	70.5	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9
W 14000	68.0	70.9	71.0	71.2	71.3	71.4	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8
W 12000	70.3	73.2	73.4	73.6	73.6	73.8	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2
W 10000	71.6	74.7	75.0	75.2	75.3	75.4	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
W 9000	71.9	75.1	75.3	75.6	75.7	75.8	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2
W 8000	73.5	76.2	76.5	76.7	76.8	77.0	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4
W 7000	74.2	77.4	77.7	77.9	78.0	78.2	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
W 6000	74.8	78.2	78.5	78.8	78.9	79.0	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5
W 5000	75.7	79.1	79.5	79.7	79.8	80.1	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5
W 4500	75.8	79.3	79.7	80.0	80.1	80.3	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7
W 4000	76.7	80.2	80.7	81.0	81.1	81.3	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8
W 3500	77.2	80.8	81.2	81.6	81.7	81.9	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4
W 3000	77.5	81.6	82.0	82.4	82.6	82.8	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3
W 2500	78.6	82.9	83.3	83.7	83.9	84.1	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6
W 2000	79.3	84.2	84.8	85.2	85.4	85.6	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1
W 1800	79.6	84.7	85.3	85.7	85.9	86.1	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6
W 1500	80.4	85.7	86.3	86.7	86.9	87.1	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
W 1200	81.2	86.9	87.5	88.1	88.3	88.5	88.7	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
W 1000	81.7	87.6	88.4	89.0	89.3	89.5	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2
W 900	81.9	88.2	89.2	89.8	90.2	90.4	90.7	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
W 800	82.2	88.7	89.8	90.5	91.0	91.2	91.5	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
W 700	82.4	89.2	90.5	91.2	91.7	91.9	92.4	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.9
W 600	82.5	89.6	91.0	91.9	92.5	92.7	93.1	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.8
W 500	82.6	90.0	91.5	92.5	93.3	93.5	94.1	94.5	94.6	94.8	94.8	94.8	94.8	94.9	94.9	94.9
W 400	82.7	90.3	92.0	93.0	94.2	94.6	95.4	95.9	95.9	96.2	96.2	96.2	96.2	96.3	96.3	96.4
W 300	82.7	90.3	92.2	93.3	94.7	95.1	96.1	96.6	96.7	97.1	97.2	97.2	97.3	97.3	97.3	97.5
W 200	82.7	90.3	92.2	93.3	94.8	95.2	96.3	96.9	97.0	97.6	97.8	97.8	97.9	97.9	97.9	98.1
W 100	82.7	90.3	92.2	93.3	94.8	95.2	96.4	97.0	97.1	97.8	98.0	98.0	98.3	98.3	98.4	98.5
W 0	82.7	90.3	92.2	93.3	94.8	95.2	96.4	97.0	97.1	97.8	98.0	98.0	98.3	98.5	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2863

DATA PREPARED BY: C. C.  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

40-42, 45-72  
YEARS

FEH  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-3200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	53.7	52.1	62.4	62.6	63.1	63.2	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 20000	62.3	65.9	66.2	66.6	67.0	67.2	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IV 18000	62.4	66.1	66.3	66.7	67.2	67.3	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 16000	62.5	66.2	66.4	66.8	67.3	67.4	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 14000	63.0	66.7	67.0	67.4	67.9	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3
IV 12000	63.6	67.4	67.7	68.1	68.6	68.7	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	69.0
IV 10000	65.1	68.9	69.2	69.6	70.1	70.2	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.5
IV 9000	65.7	69.6	69.8	70.3	70.8	70.9	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 8000	65.5	70.5	70.8	71.2	71.7	71.8	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1
IV 7000	67.1	71.2	71.5	71.9	72.4	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9
IV 6000	67.7	71.9	72.2	72.6	73.1	73.2	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.6
IV 5000	68.5	73.2	73.6	74.0	74.6	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.0
IV 4500	69.1	73.8	74.2	74.7	75.2	75.3	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 4000	69.9	74.9	75.3	75.7	76.3	76.4	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 3500	71.8	75.9	76.3	76.7	77.3	77.4	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 3000	71.8	77.1	77.5	78.0	78.5	78.7	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.1
IV 2500	72.8	78.2	78.6	79.1	79.7	79.9	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 2000	74.2	79.9	80.4	80.9	81.6	81.7	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 1800	74.7	80.6	81.0	81.6	82.2	82.4	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.9
IV 1500	75.5	81.8	82.3	83.0	83.7	83.8	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.4
IV 1200	76.2	83.9	84.5	85.2	85.8	86.0	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.6
IV 1000	76.7	84.7	85.4	86.1	86.8	87.0	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.7
IV 900	76.8	85.4	86.2	87.0	87.7	87.8	88.3	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.6
IV 800	77.2	86.1	87.1	87.9	88.8	88.9	89.4	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 700	77.3	86.7	87.8	88.7	89.7	89.9	90.4	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.7	90.7
IV 600	77.7	87.3	88.4	89.4	90.7	90.8	91.4	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.8
IV 500	77.7	87.7	89.0	90.0	91.4	91.5	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.6	92.6	92.7
IV 400	78.0	88.1	89.6	91.0	92.5	92.7	93.5	93.6	93.6	93.9	94.0	94.0	94.0	94.0	94.0	94.1
IV 300	78.7	88.2	90.0	91.5	93.4	93.6	94.8	95.0	95.0	95.5	95.6	95.6	95.6	95.8	95.8	95.9
IV 200	78.9	88.3	90.1	91.7	93.7	93.9	95.3	95.6	95.7	96.4	96.6	96.6	96.9	97.0	97.0	97.1
IV 100	78.9	88.3	90.2	91.7	93.8	94.0	95.4	95.7	95.8	96.9	97.2	97.2	97.5	97.6	97.7	97.7
IV 0	78.7	88.3	90.2	91.8	93.8	94.0	95.4	95.8	95.9	97.0	97.3	97.3	97.9	98.1	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2613



DATA PROCESSING SECTION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

40-42,45-72  
YEARS

FEB  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	55.5	58.5	59.0	59.3	59.5	59.5	59.5	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.8	59.8
≥ 20000	58.9	62.6	63.1	63.5	63.6	63.6	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.9	64.1
IVW 18000	59.1	62.6	63.2	63.5	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.9	63.9	64.0	64.1
IVW 16000	59.1	62.7	63.3	63.6	63.7	63.7	63.7	63.8	63.9	63.9	63.9	63.9	63.9	63.9	64.1	64.2
IVW 14000	59.7	63.2	63.9	64.2	64.4	64.4	64.4	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.7	64.9
IVW 12000	60.2	64.1	64.6	64.9	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.4	65.5
IVW 10000	61.4	65.3	65.9	66.2	66.3	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.7	66.8
IVW 9000	62.0	65.9	66.5	66.8	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.3	67.5
IVW 8000	62.5	66.8	67.4	67.8	67.9	67.7	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.2	68.4
IVW 7000	63.9	68.1	68.5	68.9	69.0	69.0	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.3	69.5
IVW 6000	64.2	68.5	69.1	69.4	69.6	69.6	69.6	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.9	70.1
IVW 5000	65.5	70.0	70.6	70.9	71.1	71.1	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.4	71.6
IVW 4500	66.1	70.6	71.2	71.5	71.7	71.7	71.7	71.8	71.8	71.8	71.9	71.9	71.9	71.9	72.0	72.2
IVW 4000	66.7	71.0	72.2	72.6	72.7	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	73.0	73.1	73.3
IVW 3500	67.6	72.8	73.5	73.8	74.0	74.0	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.3	74.5
IVW 3000	68.2	74.1	74.8	75.2	75.4	75.4	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.7	75.9
IVW 2500	69.3	75.7	76.4	77.0	77.2	77.2	77.2	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.6	77.7
IVW 2000	71.3	77.5	78.4	79.0	79.2	79.3	79.3	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.6	79.8
IVW 1800	72.0	78.4	79.2	79.8	80.1	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.5	80.7
IVW 1500	72.8	79.7	80.5	81.3	81.6	81.6	81.6	81.7	81.7	81.8	81.8	81.8	81.8	81.8	82.0	82.1
IVW 1200	73.8	81.5	82.4	83.1	83.4	83.4	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.8	84.0
IVW 1000	74.4	82.6	83.6	84.4	84.8	84.8	84.9	85.0	85.0	85.1	85.1	85.1	85.2	85.2	85.3	85.5
IVW 900	74.5	83.1	84.3	85.2	85.6	85.6	85.7	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.1	86.3
IVW 800	74.9	84.0	85.3	86.2	86.8	86.9	87.1	87.3	87.3	87.4	87.4	87.4	87.5	87.5	87.6	87.8
IVW 700	75.1	84.6	85.9	86.8	87.6	87.6	87.8	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.3	88.5
IVW 600	75.3	85.0	86.4	87.3	88.3	88.3	88.6	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.2	89.4
IVW 500	75.5	85.5	87.1	88.1	89.1	89.2	89.6	89.9	89.9	90.2	90.2	90.2	90.3	90.3	90.5	90.7
IVW 400	75.7	85.7	87.5	88.8	89.9	89.9	90.5	91.1	91.1	91.4	91.4	91.4	91.6	91.6	91.7	91.9
IVW 300	75.7	86.0	88.1	89.6	90.9	91.1	91.9	92.6	92.7	93.3	93.5	93.5	93.7	93.7	93.9	94.1
IVW 200	75.7	86.1	88.1	89.8	91.3	91.5	92.5	93.4	93.6	94.6	94.9	94.9	95.2	95.4	95.6	95.9
IVW 100	75.7	86.2	88.2	89.8	91.4	91.5	92.7	93.7	93.8	95.2	95.6	95.7	96.3	96.5	96.8	97.3
IVW 0	75.7	86.2	88.2	89.8	91.4	91.5	92.8	93.7	93.9	95.6	96.0	96.0	97.0	97.2	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2615



DATA PROCESSOR: 30K CA  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

F PT SILL OKLAHOMA/POST FLD  
STATION NAME

40-42,45-72  
YEARS

FEB  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0900  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	¾	¾	½	≥ 5/16	¼	≥ 0
NO CEILING	45.4	51.7	52.5	52.6	52.9	52.9	53.1	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.4	53.6
≥ 20000	55.0	57.7	58.6	58.9	59.3	59.4	59.6	59.7	59.7	59.8	59.8	59.8	60.0	60.0	60.1	60.2
18000	55.3	57.9	58.9	59.2	59.5	59.6	59.9	60.0	60.0	60.1	60.1	60.1	60.2	60.2	60.3	60.6
16000	55.5	58.2	59.1	59.4	59.7	59.8	60.1	60.2	60.2	60.2	60.3	60.3	60.4	60.4	60.5	60.8
14000	55.6	58.4	60.4	60.7	61.0	61.1	61.4	61.5	61.5	61.5	61.5	61.5	61.7	61.7	61.8	62.0
12000	55.8	58.5	61.9	62.2	62.5	62.6	62.8	63.0	63.0	63.0	63.0	63.0	63.2	63.2	63.3	63.5
10000	55.9	62.1	63.0	63.3	63.6	63.7	64.0	64.1	64.1	64.2	64.2	64.2	64.3	64.3	64.4	64.6
9000	55.9	62.2	63.1	63.5	63.8	63.9	64.2	64.3	64.3	64.4	64.4	64.4	64.5	64.5	64.6	64.9
8000	60.3	63.3	64.3	64.6	65.0	65.1	65.4	65.5	65.5	65.6	65.6	65.6	65.7	65.8	65.8	66.1
7000	61.3	64.5	65.4	65.8	66.2	66.3	66.6	66.7	66.7	66.8	66.8	66.8	66.9	66.9	67.0	67.3
6000	62.4	65.4	66.4	66.8	67.1	67.2	67.5	67.6	67.6	67.7	67.7	67.7	67.9	67.9	68.0	68.3
5000	63.0	66.5	67.9	68.3	68.7	68.8	69.1	69.2	69.2	69.3	69.3	69.3	69.4	69.5	69.6	69.9
4500	64.1	67.4	68.6	69.0	69.4	69.4	69.7	69.9	69.9	69.9	69.9	69.9	70.1	70.1	70.2	70.5
4000	65.2	68.7	69.9	70.3	70.7	70.8	71.1	71.2	71.2	71.3	71.3	71.3	71.5	71.5	71.6	71.9
3500	65.9	69.7	70.9	71.4	71.8	71.8	72.2	72.3	72.3	72.4	72.4	72.4	72.5	72.6	72.7	73.0
3000	67.2	71.2	72.4	72.9	73.3	73.4	73.8	73.9	73.9	74.0	74.0	74.0	74.1	74.2	74.3	74.6
2500	68.1	72.3	73.6	74.2	74.7	74.8	75.1	75.3	75.3	75.4	75.4	75.4	75.5	75.6	75.6	75.9
2000	69.3	74.1	75.5	76.1	76.7	76.8	77.1	77.3	77.3	77.4	77.4	77.4	77.5	77.6	77.6	78.0
1800	69.5	74.5	75.9	76.6	77.1	77.2	77.6	77.7	77.7	77.8	77.8	77.8	77.9	78.0	78.1	78.4
1500	71.2	75.5	77.0	77.7	78.4	78.4	78.6	79.0	79.0	79.1	79.1	79.1	79.2	79.2	79.3	79.7
1200	71.2	77.3	79.1	79.8	80.5	80.6	80.9	81.1	81.1	81.2	81.2	81.2	81.4	81.4	81.5	81.8
1000	71.9	78.6	80.4	81.2	82.0	82.1	82.6	82.8	82.8	82.9	82.9	82.9	83.1	83.1	83.2	83.5
900	72.2	79.1	80.9	81.8	82.6	82.7	83.2	83.4	83.5	83.5	83.6	83.6	83.7	83.8	83.8	84.2
800	72.5	79.9	81.7	82.7	83.6	83.7	84.3	84.5	84.5	84.6	84.6	84.6	84.8	84.8	84.9	85.3
700	72.7	80.6	82.6	83.5	84.5	84.6	85.3	85.5	85.6	85.7	85.7	85.7	85.9	85.9	86.0	86.4
600	72.9	81.0	83.2	84.3	85.5	85.7	86.5	86.7	86.8	86.8	87.0	87.0	87.1	87.2	87.2	87.6
500	73.1	81.3	83.8	85.1	86.5	86.6	87.7	88.1	88.1	88.5	88.6	88.6	88.8	88.9	89.0	89.4
400	73.1	81.8	84.6	86.1	87.6	87.8	89.1	89.5	89.6	90.2	90.3	90.3	90.6	90.7	90.8	91.2
300	73.2	81.9	84.9	86.8	88.4	88.6	90.2	91.0	91.1	91.8	92.1	92.1	92.5	92.5	92.8	93.2
200	73.2	81.9	85.0	87.0	88.8	89.1	90.5	91.8	92.1	93.5	93.9	93.9	94.3	94.6	95.1	95.6
100	73.2	81.9	85.0	87.0	88.9	89.2	91.0	92.1	92.4	94.1	94.7	94.7	95.4	95.7	96.5	97.5
0	73.2	81.9	85.0	87.0	88.9	89.2	91.1	92.2	92.5	94.2	94.8	94.9	95.9	96.3	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 2611

DATA PROCESSING AND CTR  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FMT SILL KLAHOMA/POST FLD  
STATION NAME

40-42,45-72  
YEARS

FFB  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	47.1	48.6	49.2	49.3	49.6	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9
IV 20000	55.2	57.9	58.6	58.7	59.0	59.0	59.2	59.2	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.4
IV 18000	56.0	58.2	58.8	58.9	59.2	59.2	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6
IV 16000	56.1	58.3	58.9	59.1	59.4	59.4	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IV 14000	57.1	59.3	59.9	60.1	60.4	60.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8
IV 12000	57.1	59.4	60.1	60.2	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8
IV 10000	58.1	60.4	61.0	61.3	61.6	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 9000	58.1	60.4	61.0	61.3	61.6	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 8000	62.5	64.9	65.6	65.9	66.1	66.1	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5
IV 7000	62.5	64.9	65.6	65.9	66.1	66.1	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5
IV 6000	63.2	65.8	66.4	66.7	67.0	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.4
IV 5000	63.2	65.8	66.4	66.7	67.0	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.4
IV 4500	63.2	65.8	66.4	66.7	67.0	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.4
IV 4000	63.2	65.8	66.4	66.7	67.0	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.4
IV 3500	63.2	65.8	66.4	66.7	67.0	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.4
IV 3000	63.2	65.8	66.4	66.7	67.0	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.4
IV 2500	63.2	65.8	66.4	66.7	67.0	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.4
IV 2000	63.2	65.8	66.4	66.7	67.0	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.4
IV 1800	63.2	65.8	66.4	66.7	67.0	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.4
IV 1600	63.2	65.8	66.4	66.7	67.0	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.4
IV 1400	63.2	65.8	66.4	66.7	67.0	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.4
IV 1200	63.2	65.8	66.4	66.7	67.0	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.4
IV 1000	63.2	65.8	66.4	66.7	67.0	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.4
IV 900	63.2	65.8	66.4	66.7	67.0	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.4
IV 800	63.2	65.8	66.4	66.7	67.0	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.4
IV 700	63.2	65.8	66.4	66.7	67.0	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.4
IV 600	63.2	65.8	66.4	66.7	67.0	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.4
IV 500	63.2	65.8	66.4	66.7	67.0	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.4
IV 400	63.2	65.8	66.4	66.7	67.0	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.4
IV 300	63.2	65.8	66.4	66.7	67.0	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.4
IV 200	63.2	65.8	66.4	66.7	67.0	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.4
IV 100	63.2	65.8	66.4	66.7	67.0	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.4
IV 0	63.2	65.8	66.4	66.7	67.0	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.4

TOTAL NUMBER OF OBSERVATIONS 2611

DATA FROM CROSS SECTION  
USAF ETAC  
AIR WEATHER SERVICE/AC

## CEILING VERSUS VISIBILITY

13545  
STATION

W F SILL OKLAHOMA/POST FLN  
STATION NAME

40-42,45-72  
YEARS

FEB  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.6	50.9	51.2	51.3	51.6	51.6	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
IV 20000	60.4	62.4	62.7	62.9	63.1	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 18000	61.0	62.5	62.8	63.0	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 16000	61.3	62.9	63.2	63.3	63.5	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV 14000	62.0	63.6	63.9	64.1	64.4	64.5	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 12000	63.5	65.2	65.5	65.7	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 10000	66.3	67.6	67.9	68.1	68.4	68.5	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 9000	66.2	67.9	68.2	68.4	68.7	68.8	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 8000	66.9	68.8	69.1	69.3	69.6	69.6	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 7000	67.7	69.6	69.9	70.1	70.4	70.4	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 6000	68.3	70.1	70.5	70.7	71.0	71.1	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 5000	69.2	71.4	71.8	72.0	72.3	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 4500	69.5	71.7	72.1	72.3	72.6	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 4000	70.7	73.1	73.4	73.6	73.9	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 3500	71.5	73.8	74.2	74.4	74.7	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 3000	72.4	74.5	75.4	75.6	75.9	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
IV 2500	73.8	76.5	77.0	77.2	77.5	77.5	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 2000	75.7	78.5	79.1	79.4	79.7	79.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 1800	76.2	78.6	80.2	80.4	80.8	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 1500	78.1	81.4	82.2	82.5	82.9	82.9	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 1200	79.5	84.1	85.0	85.4	85.9	86.0	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 1000	80.2	85.3	86.6	87.2	87.7	87.8	88.3	88.3	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5
IV 900	80.4	85.6	87.1	87.6	88.3	88.5	89.0	89.0	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3
IV 800	81.3	86.7	88.4	89.2	89.8	90.0	90.6	90.7	90.8	91.0	91.1	91.1	91.1	91.2	91.2	91.2
IV 700	81.0	87.5	89.3	90.3	91.0	91.1	91.9	92.0	92.1	92.4	92.5	92.5	92.5	92.6	92.6	92.6
IV 600	81.2	88.2	90.1	91.5	92.5	92.7	93.3	93.8	93.8	94.2	94.3	94.3	94.4	94.4	94.4	94.4
IV 500	81.4	88.7	90.8	92.6	93.9	94.1	95.1	95.4	95.5	96.0	96.2	96.2	96.3	96.3	96.3	96.3
IV 400	81.4	89.0	91.3	93.1	94.7	95.7	96.2	96.7	96.9	97.4	97.5	97.6	97.6	97.7	97.7	97.7
IV 300	81.4	89.0	91.4	93.3	94.9	95.2	96.7	97.4	97.7	98.4	98.6	98.6	98.8	98.9	98.9	98.9
IV 200	81.4	89.1	91.4	93.3	95.0	95.3	96.9	97.6	97.9	99.0	99.2	99.3	99.5	99.6	99.6	99.6
IV 100	81.4	89.1	91.4	93.3	95.0	95.3	96.9	97.6	97.9	99.0	99.3	99.3	99.5	99.7	99.7	99.8
IV 0	81.4	89.1	91.4	93.2	95.0	95.3	96.9	97.6	97.9	99.0	99.3	99.3	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

2609

DATA PROCESSOR 4A. CM  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

PORT SILL OKLAHOMA/POST FLU  
STATION NAME

40-42,45-72  
YEARS

FEB  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	52.3	52.1	52.7	52.9	53.1	53.1	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3
IV 18000 16000	64.4	65.8	66.3	66.5	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
IV 14000 12000	65.0	66.8	67.4	67.6	67.8	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 10000 9000	68.8	69.9	70.6	70.8	71.0	71.0	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 8000 7000	70.3	71.0	72.2	72.4	72.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IV 6000 5000	71.7	73.0	73.6	73.9	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 4500 4000	73.0	74.4	75.0	75.4	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 3500 3000	73.5	76.6	77.5	77.8	78.0	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 2500 2000	78.2	80.1	80.9	81.4	81.6	81.6	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 1800 1500	80.5	82.7	83.7	84.1	84.3	84.4	84.5	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 1200 1000	82.5	86.2	87.6	88.3	88.6	88.7	88.9	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1
IV 900 800	83.9	88.1	89.9	90.6	91.0	91.1	91.3	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7
IV 700 600	84.4	89.4	91.4	92.3	92.8	92.9	93.3	93.5	93.6	93.7	93.9	93.9	94.0	94.0	94.0	94.0
IV 500 400	84.6	90.3	92.8	94.1	95.1	95.2	95.9	96.2	96.3	96.7	96.9	97.0	97.1	97.1	97.1	97.1
IV 300 200	84.7	90.4	93.1	94.5	95.9	96.0	96.9	97.2	97.4	97.6	98.0	98.4	98.5	98.5	98.7	98.7
IV 100 0	84.7	90.4	93.1	94.6	95.9	96.1	97.0	97.4	97.6	98.2	98.8	98.8	99.3	99.3	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 2608

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/TAC

## CEILING VERSUS VISIBILITY

18945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

40-42,45-72  
YEARS

FE3  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5 1/2	≥ 5	≥ 4 1/2	≥ 4	≥ 3 1/2	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 0
NO CEILING	54.8	56.4	57.0	57.1	57.3	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 20000	64.8	65.8	67.4	67.6	67.8	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2
IV 18000	65.0	67.2	67.8	68.1	68.2	68.2	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV 16000	65.5	67.6	68.2	68.4	68.6	68.6	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0
IV 14000	66.3	68.4	69.1	69.2	69.4	69.5	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 12000	67.9	70.1	70.8	71.1	71.3	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7
IV 10000	69.5	72.1	72.8	73.1	73.3	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7
IV 9000	70.2	72.7	73.4	73.7	73.9	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3
IV 8000	71.1	73.0	74.3	74.6	74.8	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2
IV 7000	71.9	74.2	75.1	75.4	75.6	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.0
IV 6000	72.7	75.1	76.0	76.4	76.6	76.6	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 5000	73.6	76.4	77.3	77.6	77.9	77.9	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 4500	74.2	76.9	77.8	78.1	78.4	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 4000	75.4	78.1	79.0	79.4	79.7	79.7	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 3500	75.9	78.7	79.7	80.0	80.3	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.7
IV 3000	76.9	79.2	81.2	81.6	81.8	81.9	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 2500	77.3	81.9	82.9	83.2	83.5	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9
IV 2000	79.7	83.6	84.9	85.3	85.6	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0
IV 1800	80.2	84.3	85.6	86.1	86.5	86.5	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 1500	80.8	85.4	86.9	87.4	87.8	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 1200	81.7	87.1	88.7	89.4	89.8	89.9	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 1000	82.0	87.8	89.4	90.2	90.9	91.0	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 900	82.2	88.1	89.8	90.6	91.4	91.5	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 800	82.3	88.6	90.3	91.2	91.9	92.1	92.6	92.6	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.9
IV 700	82.6	88.9	90.8	91.8	92.8	93.0	93.6	93.7	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9
IV 600	82.8	89.4	91.4	92.6	93.7	93.9	94.7	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.1	95.1
IV 500	82.8	89.4	91.6	93.0	94.4	94.7	95.5	95.7	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2
IV 400	82.8	89.4	91.9	93.4	95.2	95.6	96.5	96.9	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.6
IV 300	82.9	89.9	92.0	93.6	95.5	95.9	96.9	97.2	97.3	97.9	98.0	98.0	98.0	98.0	98.1	98.2
IV 200	82.9	89.9	92.1	93.6	95.6	96.0	97.3	97.7	97.8	98.5	98.7	98.7	98.7	98.9	99.0	99.2
IV 100	82.9	89.9	92.1	93.6	95.6	96.0	97.4	97.8	97.9	98.7	98.8	98.8	98.8	99.1	99.1	99.3
IV 0	82.9	89.9	92.1	93.6	95.7	96.1	97.4	97.9	97.9	98.7	98.8	98.8	98.8	99.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2606



DATA PREPARED BY SP4 CH  
USAF ETAC  
AIR WEATHER SERVICE/4AC

## CEILING VERSUS VISIBILITY

13945  
STATION

F F T SILL LKLAN/MA/POST FLD  
STATION NAME

40-42,45-72  
YEARS

FEB  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60.3	63.2	63.5	63.8	64.1	64.1	64.2	64.2	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4
IV 20000	60.7	63.8	69.1	69.4	69.7	69.7	69.9	69.9	69.9	69.9	70.3	70.0	70.0	70.0	70.1	70.1
IV 18000	65.7	68.8	69.1	69.4	69.7	69.7	69.9	69.9	69.9	69.9	70.3	70.0	70.0	70.0	70.1	70.1
IV 16000	66.7	69.1	69.4	69.7	70.0	70.0	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.4	70.4
IV 14000	66.7	69.8	70.1	70.4	70.7	70.7	70.8	70.8	70.8	70.9	71.0	71.0	71.0	71.0	71.1	71.1
IV 12000	67.3	71.5	70.8	71.2	71.4	71.4	71.5	71.6	71.6	71.6	71.8	71.8	71.8	71.8	71.9	71.9
IV 10000	68.9	72.3	72.6	72.9	73.2	73.2	73.3	73.3	73.3	73.4	73.6	73.6	73.6	73.6	73.6	73.6
IV 9000	69.5	73.4	73.3	73.6	73.9	74.0	74.1	74.1	74.1	74.1	74.3	74.3	74.3	74.4	74.4	74.4
IV 8000	70.1	73.7	74.1	74.4	74.6	74.7	74.9	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.2	75.2
IV 7000	70.5	74.3	74.8	75.1	75.4	75.5	75.6	75.6	75.6	75.6	75.7	75.9	75.9	76.0	76.0	76.0
IV 6000	71.1	75.0	75.5	75.8	76.1	76.1	76.3	76.3	76.3	76.4	76.6	76.6	76.6	76.7	76.7	76.7
IV 5000	71.7	75.8	76.3	76.6	76.9	77.0	77.2	77.2	77.2	77.3	77.4	77.4	77.5	77.5	77.6	77.6
IV 4500	72.4	76.7	77.2	77.5	77.8	77.9	78.1	78.1	78.1	78.1	78.3	78.3	78.4	78.4	78.4	78.4
IV 4000	73.5	78.3	78.6	78.9	79.1	79.2	79.4	79.4	79.4	79.5	79.7	79.7	79.7	79.7	79.8	79.8
IV 3500	74.1	78.7	79.2	79.6	79.8	79.9	80.1	80.1	80.1	80.2	80.4	80.4	80.4	80.4	80.5	80.5
IV 3000	74.7	79.7	80.4	80.7	81.0	81.2	81.4	81.4	81.4	81.4	81.6	81.6	81.7	81.7	81.7	81.7
IV 2500	75.9	81.2	81.9	82.3	82.6	82.7	82.9	82.9	82.9	83.0	83.2	83.2	83.3	83.3	83.3	83.3
IV 2000	76.6	82.7	83.5	83.9	84.2	84.4	84.6	84.6	84.6	84.7	84.8	84.8	84.9	84.9	85.0	85.0
IV 1800	76.9	83.2	84.0	84.4	84.8	85.0	85.2	85.2	85.2	85.2	85.4	85.4	85.5	85.5	85.5	85.5
IV 1500	77.5	84.3	85.2	85.7	86.2	86.3	86.5	86.5	86.5	86.5	86.6	86.8	86.8	86.9	86.9	86.9
IV 1200	78.2	85.9	86.9	87.5	88.0	88.1	88.4	88.4	88.4	88.5	88.7	88.7	88.8	88.8	88.8	88.8
IV 1000	78.7	87.0	88.0	88.8	89.3	89.6	89.9	89.9	89.9	90.0	90.3	90.3	90.3	90.3	90.4	90.4
IV 900	78.9	87.5	88.6	89.3	89.9	90.1	90.4	90.4	90.4	90.6	90.8	90.8	90.9	90.9	90.9	90.9
IV 800	79.1	87.9	88.9	89.7	90.4	90.6	91.0	91.0	91.0	91.1	91.4	91.4	91.5	91.5	91.5	91.5
IV 700	79.3	88.3	89.5	90.4	91.1	91.4	91.8	91.8	91.8	91.9	92.2	92.2	92.3	92.3	92.3	92.3
IV 600	79.4	88.7	90.0	91.0	91.8	92.1	92.7	92.7	92.7	93.0	93.2	93.2	93.3	93.3	93.4	93.4
IV 500	79.6	89.1	90.5	91.8	92.6	92.9	93.6	93.6	93.6	94.1	94.3	94.3	94.4	94.4	94.5	94.5
IV 400	79.7	89.2	90.7	92.2	93.4	93.9	94.6	94.8	94.8	95.3	95.6	95.6	95.7	95.7	95.7	95.7
IV 300	79.8	89.3	90.9	92.4	93.8	94.4	95.2	95.6	95.6	96.2	96.5	96.5	96.7	96.8	96.8	96.8
IV 200	79.9	89.5	91.1	92.7	94.1	94.7	95.0	96.5	96.6	97.4	97.8	97.8	98.0	98.0	98.1	98.1
IV 100	79.9	89.5	91.1	92.8	94.2	94.7	95.9	96.6	96.7	97.7	98.2	98.2	98.5	98.5	98.6	98.7
IV 0	79.3	89.5	91.1	92.8	94.2	94.7	95.9	96.6	96.7	97.8	98.3	98.4	98.6	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2607

USAF ETAC

FORM  
PR 54

0-14-5(OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

WILL SILL OKLAHOMA/POST FLD  
STATION NAME

40-42, 45-72  
YEARS

WAR  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	62.2	66.1	66.6	66.9	67.0	67.1	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 20000	66.2	70.1	70.5	70.8	71.0	71.0	71.1	71.1	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3
IV 18000	66.1	70.1	70.6	70.9	71.0	71.1	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 16000	66.2	70.2	70.8	71.1	71.2	71.2	71.3	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5
IV 14000	66.3	70.9	71.4	71.7	71.8	71.9	72.0	72.0	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.2
IV 12000	69.2	73.5	74.0	74.4	74.6	74.6	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 10000	70.4	75.0	75.5	75.9	76.0	76.1	76.2	76.2	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4
IV 9000	71.0	75.6	76.1	76.5	76.6	76.6	76.8	76.8	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0
IV 8000	71.9	76.7	77.2	77.6	77.8	77.9	77.9	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 7000	73.1	77.9	78.4	78.8	79.0	79.1	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 6000	73.9	78.8	79.4	79.8	79.9	80.0	80.1	80.1	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3
IV 5000	75.2	80.3	80.8	81.2	81.4	81.4	81.5	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 4500	75.4	80.6	81.1	81.5	81.6	81.7	81.8	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 4000	76.4	81.7	82.3	82.7	82.9	82.9	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 3500	77.2	82.7	83.2	83.7	83.8	83.9	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 3000	77.9	83.8	84.4	84.9	85.1	85.1	85.3	85.3	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5
IV 2500	78.5	84.5	85.2	85.7	85.9	85.9	86.1	86.1	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3
IV 2000	79.8	86.1	86.9	87.5	87.7	87.7	88.0	88.0	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2
IV 1800	80.4	86.7	87.5	88.2	88.4	88.5	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	89.0	89.0
IV 1500	81.6	88.4	89.3	89.9	90.3	90.3	90.6	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.9	90.9
IV 1200	82.5	89.9	90.9	91.6	92.1	92.1	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.7	92.7
IV 1000	83.1	90.6	91.8	92.5	93.1	93.2	93.4	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.8	93.8
IV 900	83.5	91.4	92.6	93.3	93.9	93.9	94.2	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.6	94.6
IV 800	83.7	92.1	93.2	93.9	94.7	94.7	95.1	95.1	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4
IV 700	83.9	92.3	93.6	94.5	95.3	95.3	95.7	95.7	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0
IV 600	84.1	92.9	94.2	95.1	96.0	96.0	96.4	96.5	96.5	96.7	96.7	96.7	96.8	96.8	96.8	96.8
IV 500	84.2	93.0	94.6	95.5	96.4	96.4	96.9	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.4	97.4
IV 400	84.2	93.2	94.8	95.7	96.8	96.9	97.4	97.5	97.6	97.9	98.0	98.0	98.0	98.0	98.1	98.1
IV 300	84.2	93.2	94.9	95.8	96.9	97.0	97.7	97.8	97.9	98.4	98.5	98.5	98.6	98.6	98.6	98.6
IV 200	84.2	93.2	94.9	95.9	97.0	97.1	97.9	98.0	98.2	98.7	98.7	98.7	98.8	98.8	98.9	98.9
IV 100	84.2	93.2	94.9	95.9	97.1	97.2	98.0	98.1	98.3	98.8	99.1	99.1	99.3	99.3	99.5	99.5
IV 0	84.2	93.2	94.9	95.9	97.1	97.2	98.0	98.1	98.3	98.8	99.1	99.1	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 286

DATA PROCESSING UNIT  
USAF ETAC  
AIR WEATHER SERVICE/AAC

# CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/PST FLD  
STATION NAME

40-42,45-72  
YEARS

MAR  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	55.4	63.2	63.5	63.8	64.2	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.8	64.9
≥ 20000	53.5	67.7	68.1	68.3	68.8	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.3	69.4
IV 18000	55.7	67.7	68.1	68.4	68.8	68.9	69.1	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.4	69.4
IV 16000	55.7	67.7	68.3	68.6	69.0	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.6	69.6
IV 14000	64.2	68.5	68.8	69.1	69.5	69.6	69.8	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.1	70.2
IV 12000	65.0	71.3	70.7	71.0	71.4	71.5	71.8	71.9	71.8	71.8	71.8	71.8	71.9	71.9	72.0	72.1
IV 10000	67.5	71.9	72.3	72.6	73.0	73.1	73.3	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.6	73.6
IV 9000	68.0	72.5	72.9	73.2	73.6	73.7	73.9	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.2	74.2
IV 8000	68.8	73.4	73.8	74.1	74.5	74.6	74.8	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.1	75.1
IV 7000	69.4	74.1	74.5	74.8	75.2	75.3	75.5	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.8	75.9
IV 6000	70.4	75.1	75.6	75.8	76.3	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.8	76.9
IV 5000	71.7	76.0	77.0	77.3	77.8	77.9	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.3	78.4
IV 4500	72.4	77.3	77.8	78.1	78.6	78.7	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.1	79.2
IV 4000	73.5	78.3	79.4	79.8	80.2	80.3	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.8	80.9
IV 3500	74.1	79.5	80.1	80.5	81.0	81.1	81.4	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.7	81.8
IV 3000	75.0	80.5	81.4	81.9	82.4	82.5	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.1	83.2
IV 2500	76.5	82.2	82.9	83.3	83.9	84.0	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.6	84.7
IV 2000	77.1	84.1	84.9	85.4	86.0	86.2	86.6	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.9	87.0
IV 1800	78.1	85.5	85.9	86.3	87.0	87.1	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.8	87.9
IV 1500	79.5	86.4	87.3	87.8	88.5	88.7	89.1	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.4	89.5
IV 1200	80.4	87.9	89.0	89.7	90.5	90.6	91.1	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.5	91.6
IV 1000	81.3	89.2	90.4	91.1	92.0	92.1	92.6	92.8	92.8	92.8	92.8	92.8	92.9	92.9	93.0	93.1
IV 900	81.7	89.9	91.2	92.0	92.8	93.0	93.6	93.7	93.7	93.7	93.7	93.8	93.9	93.9	94.0	94.0
IV 800	82.0	90.7	91.9	92.8	93.6	93.8	94.4	94.5	94.5	94.5	94.5	94.6	94.8	94.8	94.9	95.0
IV 700	82.3	91.2	92.5	93.4	94.4	94.5	95.1	95.2	95.2	95.3	95.3	95.3	95.5	95.5	95.6	95.7
IV 600	82.4	91.5	92.9	93.8	94.8	95.0	95.6	95.8	95.8	95.8	95.8	95.8	96.0	96.0	96.1	96.2
IV 500	82.7	92.0	93.6	94.6	95.7	95.8	96.4	96.6	96.6	96.6	96.6	96.7	96.8	97.0	97.0	97.1
IV 400	82.7	92.2	93.9	94.9	96.0	96.2	96.9	97.0	97.0	97.0	97.1	97.2	97.2	97.4	97.4	97.6
IV 300	82.7	92.3	93.9	95.0	96.1	96.4	97.1	97.4	97.4	97.5	97.6	97.7	97.9	97.9	98.0	98.1
IV 200	82.7	92.3	94.0	95.1	96.2	96.4	97.2	97.5	97.5	97.9	98.1	98.1	98.5	98.5	98.6	98.8
IV 100	82.7	92.3	94.0	95.1	96.3	96.5	97.3	97.5	97.5	98.1	98.5	98.5	99.0	99.0	99.1	99.3
IV 0	82.7	92.3	94.0	95.1	96.3	96.5	97.3	97.5	97.5	98.1	98.6	98.6	99.1	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2872

DATA PAGE 51 OF 52 CM  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

19945  
STATION

FIT SILL KLAHOMA/POST FLG  
STATION NAME

41-42,45-72  
YEARS

MAR  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS(IST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.3	52.8	53.3	53.7	54.3	54.1	54.2	54.3	54.3	54.4	54.4	54.4	54.5	54.5	54.6	54.8
≥ 20000	57.0	59.1	60.4	60.8	61.2	61.3	61.4	61.5	61.5	61.6	61.7	61.7	61.8	61.8	61.9	62.1
18000	57.1	59.9	60.6	61.0	61.3	61.4	61.6	61.7	61.7	61.8	61.9	61.9	62.0	62.0	62.1	62.3
16000	57.4	59.2	60.8	61.3	61.7	61.9	61.9	62.0	62.0	62.1	62.2	62.2	62.3	62.3	62.4	62.6
14000	58.4	61.3	61.9	62.4	62.8	62.9	63.0	63.1	63.2	63.2	63.3	63.3	63.4	63.4	63.5	63.7
12000	58.2	64.1	64.8	65.3	65.7	65.8	65.9	66.0	66.1	66.1	66.2	66.2	66.3	66.3	66.4	66.6
10000	63.1	66.3	66.9	67.5	67.9	68.0	68.2	68.3	68.3	68.4	68.4	68.4	68.5	68.5	68.6	68.9
9000	53.5	66.7	67.4	67.9	68.3	68.5	68.5	68.7	68.8	68.8	68.9	68.9	69.0	69.0	69.1	69.3
8000	64.7	67.9	68.6	69.2	69.6	69.7	69.9	70.0	70.0	70.1	70.2	70.2	70.3	70.3	70.4	70.6
7000	55.2	68.5	69.2	69.8	70.2	70.4	70.5	70.6	70.6	70.7	70.8	70.8	70.9	70.9	71.0	71.2
6000	60.4	69.6	70.3	70.9	71.4	71.5	71.7	71.8	71.8	71.9	71.9	71.9	72.0	72.0	72.1	72.4
5000	67.9	71.5	72.2	72.9	73.4	73.5	73.7	73.8	73.8	73.9	74.0	74.0	74.1	74.1	74.2	74.4
4500	68.1	71.3	72.5	73.3	73.8	73.9	74.0	74.1	74.2	74.3	74.4	74.4	74.5	74.5	74.6	74.8
4000	69.1	72.9	73.7	74.4	75.0	75.2	75.3	75.4	75.4	75.5	75.6	75.6	75.7	75.7	75.8	76.0
3500	69.6	73.8	74.7	75.5	76.1	76.2	76.4	76.5	76.6	76.7	76.7	76.7	76.8	76.8	76.9	77.2
3000	70.3	75.1	76.0	76.8	77.5	77.6	77.8	77.9	78.0	78.1	78.2	78.2	78.3	78.3	78.4	78.6
2500	72.3	76.8	77.7	78.7	79.4	79.6	79.8	79.9	80.0	80.1	80.2	80.2	80.3	80.3	80.4	80.6
2000	74.4	79.4	80.4	81.4	82.1	82.3	82.6	82.7	82.7	82.9	83.0	83.0	83.1	83.1	83.2	83.4
1800	75.1	80.1	81.1	82.1	82.8	83.0	83.4	83.5	83.5	83.7	83.8	83.8	83.9	83.9	84.0	84.2
1500	76.3	81.9	83.2	84.1	84.9	85.1	85.5	85.6	85.7	85.8	85.9	85.9	86.0	86.0	86.1	86.4
1200	77.5	83.8	85.3	86.3	87.2	87.5	87.9	88.1	88.1	88.3	88.4	88.4	88.5	88.5	88.6	88.8
1000	78.5	85.3	86.8	87.9	88.8	89.1	89.6	89.7	89.7	89.9	90.0	90.0	90.1	90.2	90.3	90.5
900	78.9	85.9	87.6	88.8	89.7	90.0	90.5	90.7	90.7	90.9	91.0	91.0	91.1	91.1	91.3	91.5
800	79.4	86.7	88.5	89.7	90.7	91.0	91.6	91.7	91.8	92.0	92.1	92.1	92.2	92.2	92.3	92.5
700	79.6	87.1	89.1	90.5	91.5	91.8	92.4	92.6	92.6	92.8	93.0	93.0	93.1	93.1	93.2	93.4
600	80.1	87.5	89.7	91.1	92.3	92.6	93.2	93.4	93.4	93.6	93.7	93.7	93.8	93.9	94.1	94.3
500	80.0	87.7	90.0	91.6	93.2	93.6	94.3	94.5	94.5	94.8	94.9	94.9	95.1	95.1	95.3	95.6
400	80.2	88.0	90.4	92.2	93.9	94.4	95.2	95.5	95.6	96.0	96.2	96.2	96.4	96.4	96.7	96.9
300	80.4	88.2	90.5	92.4	94.4	95.0	95.9	96.3	96.5	97.0	97.3	97.3	97.5	97.5	97.8	98.0
200	80.4	88.2	90.6	92.5	94.4	95.0	96.1	96.5	96.7	97.4	97.8	97.8	98.0	98.1	98.4	98.6
100	80.4	88.2	90.6	92.5	94.5	95.1	96.1	96.6	96.7	97.6	98.1	98.1	98.6	98.6	98.9	99.4
0	80.4	88.2	90.6	92.5	94.5	95.1	96.1	96.6	96.7	97.6	98.1	98.1	98.6	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2852

USAF ETAC

FORM  
JUL 64

0-14-5(OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA FROM DESIGN GROUP ON  
USAF ETAC  
AIR WEATHER SERVICE/ALAC

## CEILING VERSUS VISIBILITY

12945  
STATION

FORT SILL OKLAHOMA/POST FLB  
STATION NAME

40-42, 45-72  
YEARS

MAR  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (ST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 8	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.7	51.7	51.2	51.6	51.8	51.9	52.0	52.1	52.1	52.2	52.4	52.2	52.2	52.2	52.2	52.2
≥ 20000	57.7	59.7	60.3	60.7	61.1	61.1	61.2	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IV 18000	57.5	60.0	60.5	60.9	61.3	61.3	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 16000	58.2	60.3	60.8	61.2	61.6	61.6	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 14000	58.4	61.1	61.6	62.1	62.4	62.5	62.6	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.8
IV 12000	61.3	63.7	64.3	64.8	65.1	65.1	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 10000	63.1	65.5	66.1	66.6	67.0	67.0	67.1	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
IV 9000	63.5	65.9	66.5	67.0	67.4	67.4	67.6	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 8000	64.0	67.2	67.9	68.4	68.8	68.8	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2
IV 7000	65.6	68.2	68.9	69.5	69.8	69.9	70.0	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 6000	66.7	69.3	70.1	70.7	71.1	71.2	71.3	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5
IV 5000	68.3	71.1	71.8	72.5	73.0	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4
IV 4500	68.4	71.5	72.2	73.0	73.5	73.6	73.7	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 4000	69.8	72.9	73.7	74.4	75.0	75.0	75.2	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4
IV 3500	70.0	73.0	74.5	75.1	75.8	75.8	75.9	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 3000	71.3	75.5	76.4	77.1	77.8	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2
IV 2500	73.1	76.9	77.9	78.6	79.3	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8
IV 2000	75.1	79.4	80.4	81.1	81.9	81.9	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 1800	75.7	80.0	81.2	81.9	82.7	82.7	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 1500	77.3	82.4	84.2	84.9	85.7	85.8	86.0	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3
IV 1200	79.0	84.7	86.5	87.2	88.2	88.2	88.5	88.6	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.8
IV 1000	80.3	86.4	88.3	89.1	90.1	90.2	90.5	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 900	80.7	86.5	89.0	89.8	90.8	90.9	91.2	91.4	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6
IV 800	81.2	87.7	90.1	91.1	92.3	92.3	92.7	92.9	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1
IV 700	81.4	88.5	90.9	92.0	93.3	93.5	93.9	94.1	94.1	94.3	94.3	94.3	94.4	94.4	94.4	94.4
IV 600	81.6	88.9	91.5	92.7	94.2	94.4	94.8	95.1	95.2	95.4	95.4	95.4	95.4	95.5	95.6	95.6
IV 500	81.7	89.2	92.2	93.5	95.4	95.7	96.3	96.5	96.6	96.8	96.9	96.9	97.0	97.0	97.1	97.1
IV 400	81.7	89.2	92.2	93.6	95.8	96.1	97.0	97.3	97.4	97.6	97.7	97.7	97.9	97.9	98.0	98.0
IV 300	81.7	89.2	92.3	93.8	96.2	96.5	97.5	97.9	98.0	98.3	98.4	98.4	98.6	98.6	98.7	98.8
IV 200	81.7	89.2	92.3	93.9	96.3	96.7	97.7	98.2	98.3	98.8	98.9	98.9	99.1	99.2	99.3	99.4
IV 100	81.7	89.2	92.3	93.9	96.3	96.7	97.7	98.3	98.4	98.8	99.0	99.0	99.2	99.3	99.5	99.7
IV 0	81.7	89.2	92.3	93.9	96.3	96.7	97.7	98.3	98.4	98.8	99.0	99.0	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

2872

USAF ETAC

FORM  
21, 44

0-14.5(OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING CENTER  
USAF ETAC  
AIR WEATHER SERVICE/ IAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FL2  
STATION NAME

40-42,45-72  
YEARS

MAR  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING ≥ 20000	53.7 62.1	52.0 63.5	52.4 63.9	52.5 64.1	52.8 64.5	52.9 64.6	53.1 64.3	53.1 64.8	53.1 64.8	53.2 64.9	53.2 64.9	53.2 64.9	53.2 64.9	53.2 64.9	53.2 64.9	53.2 64.9
WV 18000 16000	62.5 57.3	63.9 54.3	64.3 64.7	64.5 64.9	64.9 65.2	64.9 65.3	65.1 65.5	65.2 65.6	65.2 65.6	65.2 65.6	65.2 65.6	65.2 65.6	65.2 65.6	65.2 65.6	65.2 65.6	65.2 65.6
WV 14000 12000	63.9 65.6	65.4 67.3	65.8 67.8	66.0 68.0	66.3 68.3	66.4 68.4	66.6 68.6	66.6 68.6	66.6 68.6	66.7 68.7	66.7 68.7	66.7 68.7	66.7 68.7	66.7 68.7	66.7 68.7	66.7 68.7
WV 10000 9000	67.3 67.8	68.8 69.3	69.2 69.7	69.4 69.9	69.7 70.3	69.7 70.3	70.0 70.6	70.1 70.6	70.1 70.6	70.1 70.7	70.1 70.7	70.1 70.7	70.1 70.7	70.1 70.7	70.1 70.7	70.1 70.7
WV 8000 7000	68.8 69.7	70.3 71.5	70.8 72.0	71.1 72.3	71.3 72.6	71.4 72.7	71.6 72.9	71.7 73.0	71.7 73.0	71.7 73.0	71.7 73.0	71.7 73.0	71.7 73.0	71.8 73.1	71.8 73.1	71.8 73.1
WV 6000 5000	70.3 71.4	72.1 73.2	72.7 73.8	72.9 74.1	73.3 74.5	73.3 74.5	73.6 74.8	73.6 74.8	73.6 74.8	73.7 74.9	73.7 74.9	73.7 74.9	73.7 74.9	73.7 74.9	73.7 74.9	73.7 74.9
WV 4500 4000	72.1 73.7	74.0 75.7	74.7 76.4	74.9 76.7	75.3 77.1	75.4 77.2	75.6 77.4	75.7 77.4	75.7 77.4	75.7 77.5	75.7 77.5	75.7 77.5	75.7 77.5	75.8 77.6	75.8 77.6	75.8 77.6
WV 3500 3000	74.7 77.1	76.9 79.3	77.6 80.1	77.9 80.4	78.4 80.9	78.4 80.9	78.7 81.2	78.7 81.2	78.7 81.2	78.7 81.3	78.7 81.3	78.7 81.3	78.7 81.3	78.7 81.3	78.7 81.3	78.7 81.3
WV 2500 2000	79.7 81.6	81.4 84.5	82.4 85.4	82.7 85.6	83.3 86.3	83.4 86.3	83.7 86.6	83.7 86.6	83.7 86.6	83.8 86.7	83.8 86.7	83.8 86.7	83.8 86.7	83.8 86.8	83.8 86.8	83.8 86.8
WV 1800 1500	82.2 83.3	85.3 87.5	85.2 88.6	86.5 88.9	87.2 89.2	87.2 89.2	87.5 89.5	87.5 89.5	87.5 89.5	87.6 89.6	87.6 89.6	87.6 89.6	87.6 89.6	87.7 89.7	87.7 89.7	87.7 89.7
WV 1200 1000	85.1 85.7	89.5 90.6	90.7 91.8	91.0 92.2	91.7 92.9	91.8 93.0	92.2 93.5	92.2 93.5	92.2 93.5	92.3 93.7	92.3 93.7	92.3 93.7	92.3 93.7	92.4 93.8	92.4 93.8	92.4 93.8
WV 900 800	85.9 86.1	91.2 91.6	92.5 93.1	92.9 93.6	93.7 94.5	93.8 94.6	94.2 95.2	94.3 95.2	94.3 95.2	94.5 95.5	94.5 95.5	94.5 95.5	94.5 95.5	94.6 95.6	94.6 95.6	94.6 95.6
WV 700 600	86.2 86.3	92.2 92.4	93.7 94.0	94.4 94.9	95.3 96.1	95.5 96.3	96.1 96.9	96.2 97.1	96.2 97.1	96.5 97.4	96.5 97.5	96.5 97.5	96.5 97.5	96.6 97.6	96.6 97.6	96.6 97.6
WV 500 400	86.4 86.5	92.6 92.7	94.4 94.5	95.4 95.4	96.9 97.0	97.4 97.5	98.0 98.1	98.2 98.3	98.2 98.3	98.5 98.6	98.6 98.6	98.6 98.6	98.6 98.6	98.7 98.8	98.7 98.8	98.7 98.8
WV 300 200	86.5 86.5	92.7 92.7	94.5 94.5	95.5 95.5	97.1 97.1	97.6 97.6	98.2 98.2	98.5 98.6	98.5 98.6	99.0 99.1	99.1 99.2	99.1 99.2	99.1 99.2	99.2 99.3	99.2 99.3	99.2 99.3
WV 100 0	86.5 86.5	92.7 92.7	94.5 94.5	95.5 95.5	97.1 97.1	97.6 97.6	98.3 98.3	98.6 98.6	98.6 98.6	99.1 99.1	99.2 99.2	99.2 99.2	99.2 99.2	99.5 99.5	99.5 99.5	99.5 99.5

TOTAL NUMBER OF OBSERVATIONS 2869



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

40-42,45-72  
YEARS

MAR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.8	52.9	53.2	53.3	53.6	53.6	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 20000	64.8	66.1	66.4	66.6	66.6	66.9	67.2	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 18000	65.3	66.6	66.9	67.1	67.3	67.4	67.7	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.0
IV 16000	65.7	67.1	67.4	67.6	67.8	67.8	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.5	68.5
IV 14000	66.9	68.3	68.5	68.7	69.1	69.1	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8
IV 12000	68.9	70.3	70.7	70.9	71.2	71.3	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9
IV 10000	70.0	71.5	71.9	72.1	72.4	72.5	72.8	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 9000	70.6	72.2	72.5	72.7	73.0	73.1	73.4	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 8000	71.6	73.2	73.6	73.8	74.1	74.2	74.5	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 7000	72.7	74.4	74.7	75.1	75.4	75.4	75.7	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1
IV 6000	73.7	75.4	75.7	76.1	76.4	76.5	76.8	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 5000	75.4	77.2	77.6	77.9	78.3	78.3	78.6	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0
IV 4500	76.1	78.0	78.4	78.7	79.0	79.1	79.4	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.8	79.8
IV 4000	77.9	80.1	80.6	80.9	81.3	81.4	81.7	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.1	82.1
IV 3500	78.6	81.0	81.5	81.8	82.2	82.3	82.6	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0
IV 3000	80.3	83.2	83.7	84.1	84.5	84.5	84.9	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.3	85.3
IV 2500	82.2	85.5	86.0	86.4	86.8	86.9	87.3	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 2000	84.2	87.6	88.2	88.6	89.0	89.1	89.5	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 1800	84.9	88.4	89.1	89.5	90.0	90.1	90.6	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 1500	86.2	90.1	91.0	91.5	92.0	92.1	92.5	92.8	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.0
IV 1200	87.1	91.5	92.5	93.1	93.7	93.8	94.3	94.5	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7
IV 1000	87.3	91.5	93.0	93.7	94.3	94.4	94.9	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3
IV 900	87.4	92.2	93.3	94.0	94.7	94.8	95.3	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.8	95.8
IV 800	87.7	92.8	94.1	94.8	95.5	95.7	96.2	96.5	96.5	96.6	96.7	96.7	96.7	96.7	96.8	96.8
IV 700	87.8	93.1	94.5	95.2	96.1	96.2	96.8	97.0	97.0	97.2	97.3	97.3	97.3	97.3	97.4	97.4
IV 600	87.9	93.1	94.5	95.3	96.3	96.5	97.2	97.5	97.5	97.6	97.7	97.7	97.7	97.8	97.8	97.8
IV 500	87.9	93.1	94.7	95.5	96.5	96.7	97.5	97.8	97.8	98.0	98.2	98.2	98.3	98.3	98.4	98.4
IV 400	88.0	93.3	94.7	95.6	96.7	96.9	97.7	98.0	98.1	98.3	98.5	98.5	98.6	98.6	98.8	98.8
IV 300	88.0	93.3	94.7	95.6	96.8	97.0	97.8	98.2	98.2	98.4	98.6	98.6	98.9	98.9	99.0	99.1
IV 200	88.0	93.3	94.7	95.6	96.8	97.0	97.9	98.3	98.4	98.6	98.9	98.9	99.2	99.3	99.4	99.5
IV 100	88.0	93.3	94.7	95.6	96.8	97.1	98.0	98.4	98.4	98.7	99.0	99.0	99.3	99.4	99.7	99.9
IV 0	88.0	93.3	94.7	95.6	96.8	97.1	98.0	98.4	98.4	98.7	99.0	99.0	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2870



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

40-42,45-72  
YEARS

MAR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	57.1	59.0	59.6	59.9	60.2	60.3	60.7	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
IV 20000	67.1	69.2	69.8	70.4	70.6	70.8	71.2	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 18000	67.2	69.4	70.0	70.5	70.8	71.0	71.3	71.4	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6
IV 16000	67.8	70.0	70.6	71.1	71.4	71.6	71.9	72.0	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.2
IV 14000	68.6	70.8	71.5	72.0	72.3	72.6	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 12000	71.1	73.5	74.1	74.7	74.9	75.2	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 10000	72.5	74.9	75.7	76.2	76.5	76.7	77.1	77.2	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 9000	73.0	75.5	76.2	76.7	77.0	77.3	77.7	77.8	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0
IV 8000	74.1	76.7	77.4	78.0	78.2	78.5	78.9	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 7000	74.8	77.6	78.4	78.9	79.2	79.4	79.8	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 6000	75.7	78.5	79.4	79.9	80.2	80.5	80.9	81.0	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2
IV 5000	77.2	80.1	80.9	81.5	81.8	82.1	82.4	82.5	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.8
IV 4500	77.6	80.8	81.6	82.2	82.5	82.8	83.1	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 4000	78.9	82.0	83.0	83.6	83.9	84.2	84.5	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 3500	79.6	82.9	83.9	84.5	84.8	85.1	85.5	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 3000	80.4	84.0	85.0	85.6	86.0	86.3	86.8	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1
IV 2500	81.7	85.6	86.7	87.4	87.7	88.1	88.5	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 2000	82.9	87.5	88.1	89.0	89.4	89.7	90.2	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 1800	83.3	87.5	88.7	89.5	90.0	90.3	90.8	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 1500	84.2	88.8	90.0	91.0	91.5	91.8	92.4	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 1200	85.2	90.4	91.7	92.7	93.3	93.7	94.3	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 1000	85.5	90.9	92.4	93.5	94.2	94.6	95.3	95.4	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7
IV 900	85.5	91.1	92.7	93.8	94.4	94.8	95.6	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 800	85.5	91.3	92.8	94.0	94.8	95.1	95.9	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 700	85.6	91.4	93.0	94.2	95.0	95.4	96.2	96.4	96.4	96.7	96.8	96.8	96.8	96.8	96.8	96.8
IV 600	85.8	91.6	93.3	94.5	95.4	95.8	96.7	97.0	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3
IV 500	85.8	91.7	93.4	94.6	95.6	96.3	97.2	97.6	97.6	97.9	98.0	98.0	98.1	98.1	98.1	98.1
IV 400	85.8	91.7	93.5	94.7	95.9	96.4	97.4	97.9	97.9	98.2	98.3	98.3	98.5	98.5	98.5	98.5
IV 300	85.8	91.7	93.5	94.7	95.9	96.5	97.5	98.0	98.0	98.4	98.5	98.5	98.7	98.7	98.8	98.8
IV 200	85.8	91.7	93.5	94.7	95.9	96.5	97.5	98.0	98.1	98.5	98.7	98.7	99.1	99.2	99.2	99.3
IV 100	85.8	91.7	93.5	94.7	95.9	96.5	97.5	98.1	98.1	98.7	98.9	98.9	99.4	99.5	99.6	99.0
IV 0	85.8	91.7	93.5	94.7	95.9	96.5	97.5	98.1	98.1	98.7	98.9	98.9	99.4	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2864

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

40-42,45-72  
YEARS

MAR  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2190-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	64.6	67.9	68.2	68.4	68.9	69.0	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.4
IV 20000	69.1	72.6	73.0	73.4	73.7	73.8	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2
IV 18000	69.2	72.7	73.1	73.5	73.7	73.8	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.3
IV 16000	69.4	73.0	73.3	73.8	74.0	74.1	74.3	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 14000	70.2	73.9	74.3	74.7	74.9	75.0	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 12000	71.7	75.6	76.0	76.5	76.7	76.8	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 10000	73.3	77.2	77.6	78.1	78.4	78.5	78.7	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9
IV 9000	73.7	77.0	78.0	78.5	78.8	78.9	79.1	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3
IV 8000	74.7	78.8	79.3	79.8	80.0	80.1	80.3	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 7000	75.6	79.9	80.4	80.9	81.1	81.2	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 6000	76.1	80.6	81.0	81.6	81.8	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4
IV 5000	77.2	82.1	82.5	83.1	83.4	83.5	83.7	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9
IV 4500	77.6	82.4	82.9	83.5	83.8	83.9	84.1	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 4000	78.6	83.5	84.0	84.7	84.9	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5
IV 3500	79.2	84.3	84.8	85.5	85.7	85.9	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3
IV 3000	80.1	85.4	86.0	86.7	87.0	87.1	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5
IV 2500	80.9	86.5	87.2	88.0	88.4	88.5	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9
IV 2000	82.1	88.2	88.7	89.5	89.9	90.0	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.5
IV 1800	82.5	88.4	89.1	90.0	90.4	90.5	90.7	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 1500	83.7	89.8	90.6	91.5	91.9	92.0	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 1200	84.8	91.4	92.4	93.3	93.8	93.9	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5
IV 1000	85.0	91.8	92.7	93.7	94.2	94.3	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 900	85.1	92.1	93.1	94.1	94.6	94.7	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4
IV 800	85.2	92.4	93.4	94.4	94.9	95.1	95.5	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8
IV 700	85.3	92.4	93.5	94.6	95.2	95.3	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.1
IV 600	85.3	92.7	93.8	95.0	95.6	95.7	96.3	96.5	96.5	96.8	96.9	96.9	96.9	96.9	96.9	96.9
IV 500	85.4	92.9	94.0	95.3	96.0	96.1	96.7	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.4
IV 400	85.4	93.0	94.2	95.6	96.4	96.6	97.2	97.5	97.5	98.0	98.0	98.0	98.1	98.1	98.1	98.2
IV 300	85.5	93.1	94.4	95.7	96.7	96.9	97.6	97.9	97.9	98.5	98.6	98.6	98.6	98.6	98.7	98.7
IV 200	85.5	93.1	94.4	95.7	96.7	96.9	97.7	98.0	98.1	98.7	98.9	98.9	99.0	99.1	99.1	99.1
IV 100	85.5	93.1	94.4	95.7	96.8	97.0	97.8	98.1	98.2	98.9	99.0	99.0	99.2	99.3	99.4	99.5
IV 0	85.5	93.1	94.4	95.7	96.8	97.0	97.8	98.1	98.2	98.9	99.0	99.0	99.2	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2870

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42, 45-72  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60.0	63.2	63.4	63.7	63.8	63.8	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.2
≥ 20000	66.2	69.0	69.2	69.5	69.6	69.6	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	70.0
IV 18000	66.2	69.1	69.3	69.6	69.7	69.7	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.1
IV 16000	66.7	69.5	69.7	70.0	70.2	70.2	70.3	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5
IV 14000	67.4	70.2	70.4	70.7	70.9	70.9	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 12000	69.6	72.7	73.0	73.3	73.4	73.4	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.8
IV 10000	71.8	75.2	75.5	75.8	76.0	76.0	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 9000	72.4	75.8	76.1	76.4	76.6	76.6	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 8000	73.2	76.7	77.0	77.3	77.5	77.5	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.9
IV 7000	73.9	77.5	77.8	78.1	78.2	78.2	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 6000	74.4	78.2	78.4	78.7	79.0	79.0	79.1	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 5000	75.3	79.8	80.2	80.6	80.8	80.8	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 4500	76.4	80.4	80.8	81.2	81.4	81.4	81.5	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 4000	77.9	82.1	82.6	82.9	83.2	83.2	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 3500	78.5	83.1	83.6	84.0	84.3	84.3	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 3000	79.5	84.4	85.0	85.4	85.7	85.7	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 2500	80.4	85.6	86.1	86.6	86.9	86.9	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 2000	82.7	87.7	88.3	88.8	89.1	89.1	89.3	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 1800	82.2	88.1	88.7	89.2	89.6	89.6	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 1500	83.1	89.3	89.9	90.6	90.9	91.0	91.2	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 1200	84.0	90.5	91.2	91.9	92.3	92.3	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.8
IV 1000	84.6	91.4	92.1	92.9	93.2	93.4	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 900	84.7	91.9	92.6	93.3	93.8	93.9	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 800	85.1	92.5	93.4	94.2	94.8	94.9	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 700	85.3	92.9	93.9	94.8	95.4	95.5	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.0
IV 600	85.4	93.4	94.5	95.4	96.1	96.2	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.8
IV 500	85.7	94.0	95.2	96.2	97.1	97.2	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.8
IV 400	85.9	94.6	95.9	96.8	97.9	98.0	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 300	86.0	94.8	96.1	97.2	98.3	98.5	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4
IV 200	86.0	94.8	96.2	97.2	98.4	98.5	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6
IV 100	86.0	94.9	96.2	97.2	98.4	98.6	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.9
IV 0	86.0	94.9	96.2	97.2	98.4	98.6	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2823

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42.45-72  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	56.5	59.6	59.7	59.8	59.9	59.9	60.1	60.2	60.2	60.2	60.2	60.2	60.4	60.4	60.4	60.6
IV 20000	61.6	65.2	65.3	65.4	65.6	65.6	65.8	65.9	65.9	65.9	65.9	65.9	66.1	66.1	66.1	66.3
IV 18000	61.6	65.2	65.3	65.5	65.6	65.6	65.8	65.9	65.9	66.0	66.0	66.0	66.1	66.1	66.1	66.3
IV 16000	61.8	65.4	65.6	65.7	65.8	65.8	66.1	66.1	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.5
IV 14000	62.2	65.9	66.1	66.2	66.4	66.4	66.6	66.7	66.7	66.7	66.7	66.7	66.9	66.9	66.9	67.1
IV 12000	64.5	68.5	68.6	68.7	68.9	68.9	69.1	69.2	69.2	69.2	69.2	69.2	69.4	69.4	69.4	69.6
IV 10000	67.2	71.3	71.4	71.5	71.7	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.2	72.2	72.2	72.4
IV 9000	68.0	72.1	72.2	72.4	72.5	72.5	72.7	72.8	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.2
IV 8000	68.9	73.2	73.4	73.5	73.7	73.7	73.9	73.9	73.9	74.0	74.0	74.0	74.2	74.2	74.2	74.4
IV 7000	69.5	73.8	74.0	74.1	74.3	74.3	74.5	74.6	74.6	74.7	74.7	74.7	74.8	74.8	74.8	75.0
IV 6000	70.3	74.8	74.9	75.1	75.3	75.3	75.5	75.5	75.5	75.6	75.6	75.6	75.8	75.8	75.8	76.0
IV 5000	71.6	76.4	76.6	76.8	77.0	77.0	77.2	77.3	77.3	77.3	77.3	77.3	77.5	77.5	77.5	77.7
IV 4500	72.0	77.0	77.2	77.4	77.6	77.6	77.8	77.9	77.9	77.9	77.9	77.9	78.1	78.1	78.1	78.3
IV 4000	73.3	78.4	78.7	78.8	79.0	79.0	79.3	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.6	79.8
IV 3500	74.2	79.5	79.8	80.1	80.3	80.3	80.5	80.6	80.6	80.7	80.7	80.7	80.8	80.8	80.8	81.1
IV 3000	74.9	80.5	80.7	81.1	81.3	81.3	81.6	81.7	81.7	81.7	81.7	81.7	81.9	81.9	81.9	82.1
IV 2500	76.1	81.8	82.1	82.4	82.7	82.7	83.0	83.1	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.5
IV 2000	78.0	84.1	84.4	84.7	85.0	85.1	85.3	85.5	85.5	85.5	85.5	85.5	85.7	85.7	85.7	85.9
IV 1800	78.5	84.6	85.1	85.4	85.7	85.7	86.0	86.1	86.1	86.2	86.2	86.2	86.3	86.3	86.3	86.5
IV 1500	79.9	86.4	87.0	87.3	87.7	87.7	88.0	88.1	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.5
IV 1200	81.2	88.2	88.9	89.3	89.9	89.9	90.3	90.4	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.8
IV 1000	82.1	89.9	90.6	91.2	91.7	91.8	92.2	92.3	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.7
IV 900	82.5	90.6	91.3	91.9	92.5	92.5	93.0	93.1	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.6
IV 800	82.9	91.3	92.1	92.8	93.5	93.6	94.1	94.3	94.3	94.3	94.3	94.3	94.5	94.5	94.5	94.7
IV 700	83.2	91.8	92.7	93.5	94.2	94.2	94.7	94.9	94.9	95.0	95.0	95.0	95.2	95.2	95.2	95.4
IV 600	83.5	92.4	93.4	94.3	95.0	95.1	95.6	95.8	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.2
IV 500	83.8	92.8	94.0	94.9	95.7	95.8	96.5	96.7	96.7	96.8	96.8	96.8	97.0	97.0	97.0	97.2
IV 400	83.9	93.2	94.4	95.4	96.2	96.4	97.1	97.3	97.3	97.3	97.3	97.3	97.5	97.5	97.5	97.7
IV 300	83.9	93.3	94.6	95.7	96.5	96.8	97.6	97.8	97.8	97.9	98.0	98.0	98.2	98.2	98.2	98.4
IV 200	83.9	93.4	94.6	95.7	96.6	96.8	97.8	98.1	98.1	98.3	98.5	98.5	98.8	98.8	98.8	99.0
IV 100	83.9	93.5	94.7	95.8	96.7	97.0	97.9	98.2	98.2	98.5	98.7	98.7	99.2	99.2	99.2	99.5
IV 0	83.9	93.5	94.7	95.8	96.7	97.0	97.9	98.2	98.2	98.5	98.7	98.7	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2825



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42,45-72  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.6	49.0	49.8	50.2	50.5	50.5	50.6	50.6	50.6	50.7	50.8	50.8	50.8	50.8	50.9	51.1
≥ 20000	54.3	57.4	58.3	58.8	59.1	59.1	59.3	59.3	59.3	59.4	59.5	59.5	59.5	59.5	59.6	59.8
IV 18000	54.3	57.4	58.3	58.8	59.1	59.1	59.3	59.3	59.3	59.4	59.5	59.5	59.5	59.5	59.6	59.8
IV 16000	54.5	57.6	58.5	59.0	59.4	59.4	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.8	60.1
IV 14000	55.3	58.6	59.4	59.9	60.3	60.3	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.8	61.0
IV 12000	57.4	60.9	61.8	62.3	62.6	62.7	62.8	62.8	62.8	62.8	62.9	63.0	63.0	63.0	63.1	63.3
IV 10000	59.8	63.3	64.3	64.8	65.3	65.3	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.7	66.0
IV 9000	60.5	64.0	65.0	65.5	66.0	66.0	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.4	66.7
IV 8000	61.9	65.4	66.4	66.9	67.4	67.4	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.8	68.1
IV 7000	62.9	66.4	67.4	67.9	68.3	68.4	68.5	68.5	68.5	68.5	68.6	68.7	68.7	68.7	68.8	69.0
IV 6000	63.9	67.5	68.5	69.0	69.5	69.5	69.7	69.7	69.7	69.8	69.9	69.9	69.9	69.9	70.0	70.2
IV 5000	66.0	69.8	70.8	71.3	71.8	71.8	72.0	72.0	72.0	72.1	72.2	72.2	72.2	72.2	72.3	72.5
IV 4500	66.6	70.5	71.4	72.0	72.4	72.5	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.9	73.0	73.2
IV 4000	67.6	71.7	72.8	73.4	73.8	73.9	74.1	74.1	74.1	74.2	74.2	74.2	74.3	74.3	74.4	74.6
IV 3500	68.5	72.8	73.9	74.5	75.0	75.1	75.2	75.2	75.2	75.3	75.4	75.4	75.5	75.5	75.6	75.8
IV 3000	69.5	73.9	75.0	75.6	76.1	76.2	76.4	76.4	76.4	76.5	76.5	76.5	76.6	76.6	76.7	76.9
IV 2500	71.3	76.0	77.2	77.8	78.4	78.4	78.6	78.6	78.6	78.7	78.8	78.8	78.8	78.8	78.9	79.1
IV 2000	73.7	78.9	80.1	80.8	81.4	81.5	81.6	81.6	81.6	81.7	81.8	81.8	81.8	81.8	81.9	82.2
IV 1800	74.3	79.7	80.9	81.6	82.2	82.3	82.4	82.4	82.4	82.5	82.6	82.6	82.6	82.6	82.8	83.0
IV 1500	76.0	81.0	83.3	84.0	84.6	84.7	84.9	84.9	84.9	85.0	85.1	85.1	85.1	85.1	85.2	85.4
IV 1200	77.8	83.9	85.5	86.4	87.1	87.3	87.4	87.5	87.5	87.6	87.6	87.6	87.7	87.7	87.8	88.0
IV 1000	79.2	85.8	87.5	88.5	89.3	89.5	89.7	89.7	89.8	89.9	89.9	89.9	90.0	90.0	90.1	90.3
IV 900	79.6	86.5	88.3	89.3	90.1	90.3	90.6	90.7	90.8	90.9	91.0	91.0	91.0	91.0	91.1	91.3
IV 800	80.0	87.4	89.4	90.4	91.2	91.5	91.8	91.9	92.0	92.1	92.2	92.2	92.2	92.2	92.4	92.6
IV 700	80.4	88.0	90.1	91.2	92.2	92.4	92.8	92.9	92.9	93.1	93.2	93.2	93.2	93.2	93.3	93.5
IV 600	80.7	88.7	91.1	92.2	93.5	93.8	94.2	94.3	94.4	94.6	94.7	94.7	94.7	94.7	94.8	95.1
IV 500	81.0	89.6	92.1	93.4	94.8	95.1	95.6	95.8	95.8	96.1	96.2	96.2	96.3	96.3	96.4	96.6
IV 400	81.1	89.7	92.4	93.8	95.4	95.7	96.3	96.5	96.6	97.1	97.1	97.1	97.3	97.3	97.4	97.6
IV 300	81.1	89.8	92.6	94.0	95.6	96.1	96.7	97.0	97.1	97.6	97.7	97.8	98.0	98.0	98.1	98.4
IV 200	81.1	89.8	92.6	94.1	95.7	96.2	96.9	97.2	97.3	98.1	98.3	98.4	98.9	98.9	99.1	99.3
IV 100	81.1	89.8	92.6	94.1	95.7	96.2	96.9	97.2	97.3	98.2	98.3	98.4	99.0	99.0	99.2	99.6
IV 0	81.1	89.8	92.6	94.1	95.7	96.2	96.9	97.2	97.3	98.2	98.3	98.4	99.0	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS — 2864

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42,45-72  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING ≥ 20000	47.1 55.3	48.1 56.7	48.6 57.2	48.9 57.5	49.0 57.7	49.0 57.7	49.2 57.9	49.2 57.9	49.2 57.9	49.2 57.9	49.3 57.9	49.3 57.9	49.3 57.9	49.3 57.9	49.3 57.9	49.3 57.9
IV 18000 IV 16000	55.5 55.2	56.8 57.2	57.3 57.7	57.7 58.0	57.8 58.2	57.8 58.2	58.0 58.4	58.0 58.4	58.0 58.4	58.0 58.4	58.1 58.5	58.1 58.5	58.1 58.5	58.1 58.5	58.1 58.5	58.1 58.5
IV 14000 IV 12000	56.5 58.7	57.9 60.1	58.4 60.8	58.7 61.1	58.8 61.3	58.8 61.3	59.1 61.5	59.1 61.5	59.1 61.5	59.1 61.5	59.2 61.6	59.2 61.6	59.2 61.6	59.2 61.6	59.2 61.6	59.2 61.6
IV 10000 IV 9000	60.8 61.4	62.3 62.9	62.9 63.6	63.3 64.0	63.5 64.2	63.5 64.2	63.7 64.4	63.8 64.4	63.8 64.4	63.8 64.4	63.8 64.5	63.8 64.5	63.8 64.5	63.8 64.5	63.8 64.5	63.8 64.5
IV 8000 IV 7000	62.8 63.8	64.4 65.6	65.1 66.3	65.5 66.6	65.7 66.8	65.7 66.8	65.9 67.1	65.9 67.1	65.9 67.1	65.9 67.1	66.0 67.1	66.0 67.1	66.0 67.1	66.0 67.1	66.0 67.1	66.0 67.1
IV 6000 IV 5000	64.8 66.3	66.7 68.4	67.4 69.1	67.7 69.5	67.9 69.7	67.9 69.7	68.2 70.0	68.2 70.0	68.2 70.0	68.2 70.0	68.3 70.0	68.3 70.0	68.3 70.0	68.3 70.0	68.3 70.0	68.3 70.0
IV 4500 IV 4000	67.1 68.3	69.2 70.4	69.9 71.2	70.3 71.5	70.5 71.7	70.5 71.7	70.8 72.0	70.8 72.0	70.8 72.0	70.8 72.0	70.8 72.1	70.8 72.1	70.8 72.1	70.8 72.1	70.8 72.1	70.8 72.1
IV 3500 IV 3000	69.4 71.3	71.7 73.8	72.4 74.5	72.8 74.9	73.0 75.1	73.0 75.1	73.3 75.4	73.3 75.4	73.3 75.4	73.3 75.4	73.3 75.5	73.3 75.5	73.3 75.5	73.3 75.5	73.3 75.5	73.3 75.5
IV 2500 IV 2000	74.3 77.3	77.1 80.5	77.9 81.2	78.2 81.6	78.5 81.9	78.5 81.9	78.8 82.2	78.8 82.3	78.8 82.3	78.8 82.3	78.8 82.3	78.8 82.3	78.8 82.3	78.8 82.3	78.8 82.3	78.8 82.3
IV 1800 IV 1500	78.4 81.2	81.8 85.0	82.6 85.9	83.0 86.4	83.3 86.7	83.3 86.8	83.7 87.2	83.7 87.2	83.7 87.2	83.7 87.2	83.8 87.3	83.8 87.3	83.8 87.3	83.8 87.3	83.8 87.3	83.8 87.3
IV 1200 IV 1000	83.8 85.3	88.3 90.2	89.3 91.3	89.8 91.8	90.1 92.2	90.2 92.3	90.6 92.7	90.7 92.8	90.7 92.8	90.7 92.8	90.7 92.8	90.7 92.8	90.7 92.8	90.7 92.8	90.7 92.8	90.7 92.8
IV 900 IV 800	85.8 86.3	91.3 92.3	92.5 93.6	93.0 94.3	93.4 94.7	93.5 94.8	93.9 95.2	94.0 95.3	94.0 95.3	94.0 95.3	94.1 95.3	94.1 95.3	94.1 95.3	94.1 95.3	94.1 95.3	94.1 95.3
IV 700 IV 600	86.4 86.7	92.7 93.3	94.2 94.9	95.1 96.0	95.5 96.7	95.6 96.8	96.0 97.2	96.1 97.3	96.1 97.3	96.2 97.3	96.2 97.4	96.2 97.4	96.2 97.4	96.2 97.4	96.2 97.4	96.2 97.4
IV 500 IV 400	86.8 86.8	93.6 93.7	95.4 95.6	96.6 97.0	97.5 98.0	97.7 98.3	98.2 98.9	98.4 99.1	98.4 99.1	98.6 99.4	98.6 99.4	98.6 99.4	98.6 99.4	98.6 99.4	98.6 99.4	98.6 99.4
IV 300 IV 200	86.8 86.8	93.7 93.7	95.6 95.6	97.0 97.0	98.1 98.1	98.4 98.4	99.0 99.0	99.2 99.2	99.2 99.2	99.7 99.8	99.7 99.8	99.8 99.9	99.8 99.9	99.8 99.9	99.8 99.9	99.8 99.9
IV 100 IV 0	86.8 86.8	93.7 93.7	95.6 95.6	97.0 97.0	98.1 98.1	98.4 98.4	99.0 99.0	99.2 99.2	99.2 99.2	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9

TOTAL NUMBER OF OBSERVATIONS 2860



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42, 45-72  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	51.2	51.9	52.2	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 20000	60.9	61.8	62.1	62.5	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
IV 18000	61.0	62.0	62.3	62.7	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV 16000	61.3	62.3	62.6	63.1	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 14000	61.9	63.0	63.2	63.7	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
IV 12000	63.8	64.8	65.1	65.6	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV 10000	65.7	66.7	66.9	67.4	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 9000	65.9	67.0	67.3	67.7	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 8000	66.6	67.7	68.0	68.4	68.6	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 7000	67.9	69.0	69.4	69.8	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
IV 6000	69.1	70.4	70.8	71.2	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
IV 5000	70.3	71.7	72.1	72.5	72.7	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 4500	71.0	72.5	72.9	73.3	73.5	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 4000	73.1	74.6	75.0	75.4	75.7	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 3500	74.9	76.5	76.9	77.4	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 3000	78.8	80.4	80.9	81.3	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 2500	82.5	84.3	84.9	85.4	85.7	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 2000	85.8	87.8	88.4	88.9	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 1800	86.7	88.9	89.5	90.0	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 1500	88.3	91.3	92.0	92.5	92.8	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 1200	90.2	93.2	93.8	94.3	94.7	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 1000	91.0	94.4	95.1	95.6	96.0	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4
IV 900	91.4	95.1	95.8	96.4	96.8	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 800	91.8	95.7	96.6	97.2	97.6	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0
IV 700	92.0	96.2	97.2	97.8	98.2	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 600	92.0	96.4	97.5	98.2	98.6	98.6	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 500	92.0	96.5	97.7	98.4	98.8	98.9	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	92.0	96.5	97.7	98.5	99.0	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 300	92.0	96.5	97.7	98.5	99.0	99.1	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 200	92.0	96.5	97.7	98.5	99.0	99.1	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 100	92.0	96.5	97.7	98.5	99.0	99.1	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 0	92.0	96.5	97.7	98.5	99.0	99.1	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2862

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42, 45-72  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	53.3	54.3	54.3	54.6	54.8	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 20000	65.0	66.2	66.3	66.6	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IVV 18000	65.1	66.3	66.4	66.7	67.0	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
16000	65.4	66.6	66.7	67.0	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IVV 14000	66.1	67.2	67.4	67.8	68.0	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
12000	68.0	69.3	69.3	69.7	69.9	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IVV 10000	70.1	71.4	71.5	71.8	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
9000	70.6	71.9	72.0	72.4	72.6	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IVV 8000	71.7	73.0	73.2	73.5	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
7000	72.8	74.1	74.3	74.6	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IVV 6000	73.8	75.2	75.4	75.8	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
5000	75.3	76.9	77.2	77.6	77.9	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IVV 4500	76.3	77.9	78.2	78.6	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
4000	78.7	80.4	80.8	81.2	81.5	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IVV 3500	80.9	82.7	83.1	83.4	83.8	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
3000	84.0	86.0	86.4	86.8	87.1	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IVV 2500	86.4	88.7	89.1	89.5	89.8	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
2000	88.6	91.4	91.8	92.2	92.6	92.6	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IVV 1800	89.2	92.0	92.4	92.8	93.2	93.2	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
1500	90.1	93.0	93.4	93.8	94.2	94.2	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IVV 1200	91.0	94.1	94.6	94.9	95.3	95.3	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
1000	91.6	95.0	95.6	95.9	96.3	96.3	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IVV 900	91.6	95.1	95.7	96.1	96.5	96.6	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
800	91.8	95.7	96.4	97.0	97.4	97.4	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IVV 700	91.9	96.0	96.7	97.3	97.9	97.9	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
600	92.0	96.2	97.0	97.8	98.4	98.4	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IVV 500	92.0	96.4	97.2	98.0	98.6	98.6	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
400	92.0	96.4	97.3	98.1	98.7	98.9	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IVV 300	92.0	96.4	97.3	98.1	98.7	98.9	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
200	92.0	96.4	97.3	98.1	98.7	98.9	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IVV 100	92.0	96.4	97.3	98.1	98.7	98.9	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
0	92.0	96.4	97.3	98.1	98.7	98.9	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2863

USAF ETAC FORM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FURT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42,45-72  
YEARS

APR  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	55.7	57.0	57.2	57.6	57.8	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
IV 20000	67.6	69.3	69.5	69.9	70.1	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
IV 18000	67.6	69.3	69.5	69.9	70.1	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
IV 16000	68.1	69.8	70.0	70.4	70.6	70.7	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IV 14000	68.9	70.7	70.8	71.3	71.4	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 12000	71.5	73.4	73.5	74.0	74.1	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 10000	73.4	75.2	75.4	75.8	76.0	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 9000	73.8	75.7	75.9	76.3	76.5	76.6	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 8000	74.9	76.9	77.1	77.5	77.7	77.7	77.8	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 7000	75.9	77.9	78.1	78.5	78.7	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 6000	76.8	79.2	79.4	79.8	80.0	80.0	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 5000	78.3	81.2	81.4	81.9	82.2	82.2	82.2	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 4500	79.6	82.0	82.3	82.9	83.2	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 4000	81.2	83.3	84.2	84.8	85.0	85.0	85.1	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 3500	82.1	84.7	85.1	85.7	86.0	86.0	86.0	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 3000	84.1	87.0	87.4	88.0	88.3	88.3	88.3	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 2500	85.8	88.8	89.3	89.9	90.3	90.3	90.3	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 2000	87.5	91.1	91.6	92.3	92.8	92.8	92.9	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 1800	87.8	91.6	92.1	92.9	93.4	93.4	93.5	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 1500	88.2	92.4	93.0	93.7	94.2	94.3	94.4	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1200	88.9	93.3	93.9	94.6	95.2	95.2	95.3	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 1000	89.2	93.9	94.5	95.2	95.8	95.9	96.1	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 900	89.6	94.3	94.9	95.7	96.4	96.4	96.6	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 800	89.7	94.5	95.2	96.0	96.7	96.7	96.9	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 700	89.7	94.6	95.5	96.3	96.9	97.0	97.2	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 600	89.8	95.0	95.9	96.7	97.4	97.5	97.8	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 500	89.8	95.3	96.3	97.2	98.0	98.2	98.5	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2
IV 400	89.9	95.4	96.4	97.4	98.3	98.5	98.9	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6
IV 300	89.9	95.4	96.4	97.4	98.4	98.6	98.9	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.8	99.8
IV 200	89.9	95.4	96.4	97.4	98.4	98.6	99.0	99.4	99.4	99.8	99.8	99.8	99.9	100.0	100.0	100.0
IV 100	89.9	95.4	96.4	97.4	98.4	98.6	99.0	99.4	99.4	99.8	99.8	99.8	99.9	100.0	100.0	100.0
IV 0	89.9	95.4	96.4	97.4	98.4	98.6	99.0	99.4	99.4	99.8	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2815

USAF ETAC

FORM  
27, 64

0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42,45-72  
YEARS

APR  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	62.1	64.4	64.7	65.0	65.4	65.4	65.6	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 20000	68.5	71.3	71.6	71.9	72.3	72.3	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 18000	68.9	71.6	71.9	72.3	72.7	72.7	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 16000	69.0	71.8	72.1	72.4	72.8	72.9	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 14000	70.1	72.9	73.2	73.5	73.9	73.9	74.1	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 12000	72.2	75.0	75.3	75.6	76.0	76.1	76.2	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4
IV 10000	74.2	77.1	77.4	77.8	78.2	78.2	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 9000	74.6	77.5	77.8	78.2	78.6	78.6	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 8000	75.6	78.5	78.8	79.2	79.6	79.7	79.8	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 7000	76.6	79.8	80.1	80.5	80.9	80.9	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 6000	77.3	80.4	80.7	81.1	81.5	81.5	81.7	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 5000	78.7	82.3	82.6	83.0	83.4	83.4	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 4500	79.6	83.3	83.7	84.1	84.5	84.5	84.7	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 4000	81.0	85.1	85.4	85.8	86.3	86.3	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 3500	82.0	86.1	86.5	86.9	87.4	87.4	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 3000	83.3	87.6	88.0	88.4	88.9	89.0	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 2500	84.6	89.1	89.5	89.9	90.4	90.5	90.6	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 2000	85.6	90.4	90.8	91.3	91.8	91.9	92.0	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 1800	85.9	90.8	91.2	91.7	92.3	92.3	92.5	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 1500	86.6	91.8	92.3	92.9	93.5	93.5	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 1200	87.3	93.0	93.4	94.1	94.7	94.7	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 1000	87.8	93.7	94.2	94.9	95.6	95.6	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 900	88.0	94.0	94.5	95.2	95.9	96.0	96.3	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 800	88.2	94.7	95.4	96.1	96.8	96.9	97.2	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 700	88.4	95.2	96.0	96.6	97.4	97.4	97.8	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 600	88.5	95.6	96.4	97.2	97.9	98.0	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 500	88.6	95.9	96.8	97.6	98.4	98.5	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 400	88.8	96.2	97.2	98.2	99.1	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	88.8	96.3	97.3	98.3	99.2	99.3	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	88.8	96.3	97.3	98.3	99.3	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	88.8	96.3	97.3	98.3	99.3	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	88.8	96.3	97.3	98.3	99.3	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2816



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42.45-72  
YEARS

MAY  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60.6	62.1	62.2	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.5
IV 20000	68.9	70.8	70.9	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.2
IV 18000	69.1	71.0	71.1	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4
IV 16000	69.2	71.2	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5
IV 14000	70.3	72.3	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.8
IV 12000	71.9	74.1	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.6
IV 10000	73.7	76.1	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6
IV 9000	74.3	76.7	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.3
IV 8000	75.3	77.9	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.6
IV 7000	76.0	78.7	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.4
IV 6000	77.1	80.3	80.6	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.1
IV 5000	78.3	81.7	82.0	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4
IV 4500	79.3	82.8	83.2	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.7
IV 4000	81.1	85.2	85.7	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.3
IV 3500	81.8	86.3	86.7	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.4
IV 3000	83.1	88.1	88.6	88.8	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.3
IV 2500	84.2	89.4	90.0	90.2	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.7
IV 2000	85.1	90.8	91.4	91.7	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.2
IV 1800	85.3	91.1	91.7	92.0	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.5
IV 1500	86.2	92.3	93.0	93.3	93.6	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.9
IV 1200	87.2	93.8	94.6	94.9	95.3	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.6
IV 1000	87.7	94.7	95.6	96.0	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.7	96.7	96.7	96.7
IV 900	88.0	95.0	95.9	96.3	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0
IV 800	88.4	95.8	96.8	97.3	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1
IV 700	88.5	96.2	97.2	97.7	98.2	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.6
IV 600	88.6	96.4	97.4	98.0	98.5	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	99.0
IV 500	88.6	96.4	97.5	98.1	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.3
IV 400	88.7	96.5	97.6	98.1	98.9	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.5
IV 300	88.7	96.5	97.7	98.2	99.0	99.2	99.3	99.3	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7
IV 200	88.7	96.5	97.7	98.2	99.0	99.2	99.3	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8
IV 100	88.7	96.5	97.7	98.2	99.0	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.9	99.9	99.9	100.0
IV 0	88.7	96.5	97.7	98.2	99.0	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2962

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42,45-72  
YEAR

MAY  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	55.2	57.5	57.9	58.1	58.2	58.2	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.5	58.7
≥ 20000	63.0	65.8	66.3	66.5	66.6	66.6	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.9	67.1
IV 18000	63.2	66.0	66.5	66.6	66.8	66.8	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.1	67.3
IV 16000	63.5	66.3	66.8	66.9	67.0	67.1	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.5
IV 14000	64.4	67.3	67.8	67.9	68.1	68.1	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.4	68.6
IV 12000	66.0	69.0	69.6	69.7	69.9	69.9	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.2	70.4
IV 10000	68.1	71.4	72.0	72.2	72.3	72.4	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.7	72.9
IV 9000	68.9	72.2	72.9	73.1	73.2	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.7
IV 8000	70.1	73.4	74.0	74.2	74.4	74.4	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.7	74.9
IV 7000	71.2	74.5	75.1	75.4	75.5	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.9	76.1
IV 6000	72.3	76.1	76.8	77.0	77.2	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.5	77.7
IV 5000	73.9	77.9	78.5	78.8	79.0	79.1	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.5
IV 4500	74.2	78.4	79.1	79.4	79.6	79.6	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.9	80.1
IV 4000	75.9	80.5	81.2	81.6	81.8	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.1	82.3
IV 3500	76.7	81.4	82.2	82.7	82.8	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.3
IV 3000	78.1	83.6	84.5	84.9	85.0	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.6
IV 2500	79.2	85.0	85.9	86.3	86.4	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.9
IV 2000	80.5	86.7	87.7	88.1	88.3	88.3	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.6	88.8
IV 1800	80.8	87.1	88.1	88.6	88.9	88.9	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.2	89.4
IV 1500	81.8	88.6	89.6	90.3	90.5	90.6	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.9	91.1
IV 1200	83.2	90.6	91.7	92.6	92.8	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.2	93.4
IV 1000	84.1	92.0	93.3	94.2	94.4	94.5	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.9	95.1
IV 900	84.3	92.6	93.9	94.8	95.1	95.1	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.6	95.8
IV 800	84.8	93.3	94.7	95.7	96.0	96.0	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.5	96.7
IV 700	84.9	93.5	95.0	96.1	96.4	96.4	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.9	97.1
IV 600	85.1	93.9	95.6	96.6	97.0	97.0	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.5	97.7
IV 500	85.2	94.3	96.1	97.1	97.6	97.6	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.1	98.3
IV 400	85.3	94.5	96.3	97.4	97.9	98.0	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.6	98.8
IV 300	85.3	94.5	96.3	97.6	98.2	98.3	98.7	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.1	99.3
IV 200	85.3	94.5	96.4	97.6	98.3	98.4	98.8	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.2	99.5
IV 100	85.3	94.5	96.4	97.6	98.3	98.5	99.0	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.5	99.7
IV 0	85.3	94.5	96.4	97.6	98.3	98.5	99.0	99.0	99.0	99.3	99.4	99.4	99.4	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2969



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42,45-72  
YEARS

MAY  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	46.4	48.8	49.4	49.6	49.6	49.7	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.9
IV 18000 16000	57.0	59.9	60.5	60.7	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.1
IV 14000 12000	57.4	60.3	60.8	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.5
IV 10000 9000	58.3	61.3	61.8	62.1	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.5
IV 7000	63.0	66.1	66.7	67.0	67.2	67.2	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.5
IV 6000 5000	63.8	67.1	67.6	67.9	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.5
IV 4500 4000	65.3	68.7	69.3	69.6	69.8	69.8	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.1
IV 3500 3000	66.4	69.8	70.4	70.8	71.0	71.0	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.3
IV 2500 2000	68.0	71.6	72.3	72.6	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.2
IV 1800 1500	69.8	73.6	74.3	74.6	74.9	74.9	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.2
IV 1200 1000	70.4	74.3	75.0	75.4	75.7	75.7	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0
IV 900 800	72.2	76.2	76.9	77.2	77.5	77.5	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.8
IV 700 600	72.7	76.9	77.7	78.0	78.3	78.3	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.6
IV 500 400	74.2	78.7	79.5	79.8	80.1	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.4
IV 300 200	75.7	80.6	81.5	81.9	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.5
IV 100 0	77.8	83.1	84.0	84.5	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.1
IV 0	78.3	83.7	84.6	85.1	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.7
IV 0	79.1	85.0	86.1	86.7	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3	87.4
IV 0	80.4	87.0	88.2	88.9	89.4	89.4	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.8
IV 0	81.8	88.8	90.1	90.9	91.5	91.6	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	92.0	92.1
IV 0	82.1	89.5	91.1	92.0	92.6	92.7	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.1	93.2
IV 0	82.5	90.7	92.3	93.2	94.0	94.0	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.5
IV 0	82.6	91.1	92.7	93.7	94.6	94.7	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.2	95.3
IV 0	82.8	91.5	93.2	94.3	95.2	95.4	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.1
IV 0	83.0	91.9	94.2	95.4	96.5	96.7	97.1	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.5
IV 0	83.1	92.1	94.5	95.8	97.1	97.3	98.0	98.1	98.1	98.3	98.4	98.4	98.4	98.4	98.5	98.6
IV 0	83.1	92.1	94.5	95.9	97.3	97.6	98.4	98.6	98.6	98.9	99.1	99.1	99.1	99.1	99.2	99.3
IV 0	83.1	92.1	94.6	96.0	97.4	97.8	98.6	98.7	98.8	99.0	99.2	99.2	99.2	99.3	99.4	99.5
IV 0	83.1	92.1	94.6	96.0	97.4	97.8	98.6	98.7	98.8	99.0	99.3	99.3	99.3	99.4	99.4	99.5
IV 0	83.1	92.1	94.6	96.0	97.4	97.8	98.6	98.7	98.8	99.0	99.3	99.3	99.3	99.4	99.4	99.5

TOTAL NUMBER OF OBSERVATIONS 2961

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42, 45-72  
YEARS

MAY  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	47.8 58.0	48.8 59.1	48.9 59.3	49.0 59.3	49.0 59.3	49.0 59.3	49.0 59.3	49.0 59.3	49.0 59.3	49.0 59.3	49.0 59.3	49.0 59.3	49.0 59.3	49.0 59.3	49.0 59.3	49.0 59.3
IV 18000 16000	58.2 58.5	59.3 59.6	59.5 59.8	59.5 59.8	59.5 59.8	59.5 59.8	59.5 59.8	59.5 59.8	59.5 59.8	59.5 59.8	59.5 59.8	59.5 59.8	59.5 59.8	59.5 59.8	59.5 59.8	59.5 59.8
IV 14000 12000	59.3 62.1	60.4 63.3	60.5 63.5	60.6 63.5	60.6 63.5	60.6 63.5	60.6 63.5	60.6 63.5	60.6 63.5	60.6 63.5	60.6 63.5	60.6 63.5	60.6 63.5	60.6 63.5	60.6 63.5	60.6 63.5
IV 10000 9000	64.2 65.0	65.5 66.3	65.6 66.4	65.7 66.5	65.7 66.5	65.7 66.5	65.7 66.5	65.7 66.5	65.7 66.5	65.7 66.5	65.7 66.5	65.7 66.5	65.7 66.5	65.7 66.5	65.7 66.5	65.7 66.5
IV 8000 7000	66.4 67.0	67.8 68.4	67.9 68.5	68.0 68.6	68.0 68.6	68.0 68.6	68.0 68.6	68.0 68.6	68.0 68.6	68.0 68.6	68.0 68.6	68.0 68.6	68.0 68.6	68.0 68.6	68.0 68.6	68.0 68.6
IV 6000 5000	68.0 69.4	69.5 71.2	69.7 71.4	69.7 71.4	69.7 71.5	69.7 71.5	69.7 71.5	69.7 71.5	69.7 71.5	69.7 71.5	69.7 71.5	69.7 71.5	69.7 71.5	69.7 71.5	69.7 71.5	69.7 71.5
IV 4500 4000	70.1 71.9	71.9 73.9	72.1 74.1	72.2 74.1	72.2 74.2	72.2 74.2	72.2 74.2	72.2 74.2	72.2 74.2	72.2 74.2	72.2 74.2	72.2 74.2	72.2 74.2	72.2 74.2	72.2 74.2	72.2 74.2
IV 3500 3000	73.1 74.8	75.1 77.0	75.3 77.2	75.3 77.3	75.4 77.4	75.4 77.4	75.4 77.4	75.4 77.4	75.4 77.4	75.4 77.4	75.4 77.4	75.4 77.4	75.4 77.4	75.4 77.4	75.4 77.4	75.4 77.4
IV 2500 2000	77.2 80.9	79.7 83.7	80.0 84.0	80.1 84.2	80.1 84.3	80.2 84.3	80.2 84.4	80.2 84.4	80.2 84.4	80.2 84.4	80.2 84.4	80.2 84.4	80.2 84.4	80.2 84.4	80.2 84.4	80.2 84.4
IV 1800 1500	81.6 84.2	84.5 87.8	84.9 88.3	85.0 88.5	85.1 88.6	85.2 88.6	85.2 88.7	85.2 88.7	85.2 88.7	85.2 88.7	85.2 88.7	85.2 88.7	85.2 88.7	85.2 88.7	85.2 88.7	85.2 88.7
IV 1200 1000	86.5 87.7	91.1 92.9	91.7 93.6	91.8 93.7	92.0 94.0	92.0 94.0	92.1 94.1	92.1 94.1	92.1 94.1	92.1 94.1	92.1 94.1	92.1 94.1	92.1 94.1	92.1 94.1	92.1 94.1	92.1 94.1
IV 900 800	88.1 88.5	93.6 94.8	94.5 95.8	94.8 96.1	95.0 96.4	95.0 96.4	95.1 96.6	95.1 96.6	95.1 96.6	95.1 96.6	95.1 96.6	95.1 96.6	95.1 96.6	95.1 96.6	95.1 96.6	95.1 96.6
IV 700 600	88.6 88.8	95.3 95.5	96.4 96.8	96.9 97.3	97.3 97.7	97.3 97.8	97.5 98.0	97.5 98.1	97.5 98.1	97.5 98.1	97.5 98.1	97.5 98.1	97.5 98.1	97.5 98.1	97.5 98.1	97.5 98.1
IV 500 400	88.8 88.8	95.9 96.0	97.3 97.4	97.8 98.1	98.4 98.7	98.5 98.9	98.7 99.2	98.8 99.3	98.8 99.3	98.8 99.3	98.8 99.3	98.8 99.3	98.8 99.3	98.8 99.3	98.8 99.3	98.8 99.3
IV 300 200	88.8 88.8	96.1 96.1	97.5 97.5	98.1 98.2	98.9 99.0	99.0 99.1	99.4 99.5	99.5 99.6	99.5 99.7	99.5 99.7	99.5 99.7	99.5 99.7	99.5 99.7	99.5 99.7	99.5 99.7	99.5 99.7
IV 100 0	88.8 88.8	96.1 96.1	97.5 97.5	98.2 98.2	99.0 99.0	99.1 99.1	99.5 99.5	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7

TOTAL NUMBER OF OBSERVATIONS 2959

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD.  
STATION NAME

39-42,45-72  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS(IST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.6	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 20000	61.7	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
IV 18000	61.8	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 16000	62.0	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
IV 14000	62.4	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 12000	64.8	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 10000	66.6	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IV 9000	67.1	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
IV 8000	67.9	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 7000	68.7	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV 6000	69.5	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 5000	71.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 4500	72.6	73.6	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 4000	75.0	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 3500	77.5	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 3000	81.7	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 2500	85.6	87.0	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 2000	88.9	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 1800	89.8	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 1500	91.3	93.4	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 1200	93.0	95.6	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1000	93.5	96.6	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 900	93.7	96.9	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 800	93.8	97.3	97.7	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 700	94.0	97.7	98.1	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 600	94.1	97.9	98.5	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 500	94.1	98.0	98.6	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 400	94.1	98.1	98.7	99.1	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	94.1	98.1	98.8	99.2	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	94.1	98.1	98.8	99.2	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	94.1	98.1	98.8	99.2	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	94.1	98.1	98.8	99.2	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 2963



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42,45-72  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	56.2	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IV 20000	68.3	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 18000	68.5	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
IV 16000	69.0	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 14000	69.6	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
IV 12000	71.5	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 10000	73.0	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 9000	73.6	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 8000	74.8	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 7000	75.6	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV 6000	76.9	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 5000	78.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 4500	80.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 4000	82.5	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 3500	84.5	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 3000	87.7	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 2500	89.8	91.2	91.4	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 2000	91.7	93.1	93.4	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 1800	92.7	94.3	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1500	93.5	95.3	95.7	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 1200	94.5	96.7	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5
IV 1000	94.9	97.3	97.7	97.8	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 900	95.0	97.4	97.8	97.9	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 800	95.1	97.6	98.1	98.2	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 700	95.2	97.7	98.2	98.3	98.6	98.6	98.8	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0
IV 600	95.2	97.7	98.3	98.5	98.8	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3
IV 500	95.2	97.9	98.5	98.7	99.0	99.1	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	95.2	97.9	98.5	98.9	99.1	99.2	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
IV 300	95.2	97.9	98.6	98.9	99.2	99.3	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 200	95.2	98.0	98.6	98.9	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0
IV 100	95.2	98.0	98.6	98.9	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0
IV 0	95.2	98.0	98.6	98.9	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2959

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42-45-72  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	57.3	57.9	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
IV 20000	73.6	74.4	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 18000	73.9	74.7	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 16000	74.2	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 14000	75.5	76.4	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 12000	77.2	78.2	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 10000	79.3	80.4	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 9000	79.6	80.8	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 8000	80.7	81.9	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 7000	81.3	82.5	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 6000	82.4	83.7	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 5000	83.8	85.2	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 4500	84.6	86.2	86.4	86.4	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 4000	86.5	88.3	88.6	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 3500	87.3	89.3	89.6	89.7	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 3000	89.2	91.2	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 2500	90.1	92.2	92.6	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 2000	91.2	93.4	93.9	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 1800	91.4	93.8	94.2	94.3	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 1500	92.3	94.8	95.3	95.5	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 1200	92.9	95.7	96.3	96.5	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1000	93.2	96.1	96.8	97.0	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 900	93.4	96.3	97.0	97.3	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 800	93.4	96.5	97.4	97.7	98.0	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 700	93.4	96.7	97.6	98.0	98.4	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 600	93.4	96.7	97.6	98.0	98.5	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 500	93.4	96.8	97.9	98.3	98.8	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3
IV 400	93.5	97.0	98.1	98.6	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 300	93.5	97.0	98.1	98.6	99.2	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
IV 200	93.5	97.1	98.2	98.7	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 100	93.5	97.1	98.2	98.7	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 0	93.5	97.1	98.2	98.7	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2968

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST. FLD  
STATION NAME

39-42,45-72  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	61.7	63.0	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IV 20000	72.3	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 18000	72.4	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 16000	72.8	74.5	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 14000	74.2	75.9	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 12000	76.2	78.0	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 10000	77.9	79.7	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 9000	78.7	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 8000	79.3	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 7000	79.7	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 6000	81.0	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 5000	82.5	85.2	85.4	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 4500	83.3	86.0	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 4000	85.0	88.4	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 3500	86.1	89.8	90.2	90.3	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 3000	87.1	91.0	91.5	91.7	91.8	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 2500	88.0	92.0	92.5	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 2000	89.2	93.5	94.2	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 1800	89.4	93.9	94.5	94.8	94.9	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 1500	90.0	94.5	95.3	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 1200	90.5	95.4	96.2	96.6	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1000	90.7	95.8	96.8	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 900	90.8	96.0	97.0	97.4	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 800	91.0	96.3	97.5	97.9	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 700	91.0	96.6	97.8	98.2	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 600	91.1	96.9	98.1	98.5	98.7	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 500	91.1	97.0	98.1	98.6	98.9	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 400	91.2	97.1	98.3	99.0	99.2	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 300	91.2	97.2	98.4	99.0	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 200	91.2	97.2	98.4	99.0	99.3	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
IV 100	91.2	97.2	98.4	99.0	99.3	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
IV 0	91.2	97.2	98.4	99.0	99.3	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2957



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42,45-72  
YEARS

JUN  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	68.0 77.4	69.2 78.6	69.3 78.8	69.4 78.9	69.5 78.9	69.5 78.9	69.5 78.9	69.5 78.9	69.5 78.9	69.5 78.9	69.5 78.9	69.5 78.9	69.5 78.9	69.5 78.9	69.5 78.9	69.5 78.9
IV 18000 16000	77.5 77.7	78.8 79.0	78.9 79.1	79.0 79.2	79.1 79.3	79.1 79.3	79.1 79.3	79.1 79.3	79.1 79.3	79.1 79.3	79.1 79.3	79.1 79.3	79.1 79.3	79.1 79.3	79.1 79.3	79.1 79.3
IV 14000 12000	78.8 81.3	80.1 82.6	80.2 82.8	80.3 82.9	80.4 82.9	80.4 83.0	80.4 83.0	80.4 83.0	80.4 83.0	80.4 83.0	80.4 83.0	80.4 83.0	80.4 83.0	80.4 83.0	80.4 83.0	80.4 83.0
IV 10000 9000	83.2 83.8	84.6 85.3	84.8 85.5	84.9 85.6	85.0 85.6	85.0 85.6	85.0 85.7	85.0 85.7	85.0 85.7	85.0 85.7	85.0 85.7	85.0 85.7	85.0 85.7	85.0 85.7	85.0 85.7	85.0 85.7
IV 8000 7000	85.0 85.4	86.5 87.1	86.7 87.2	86.8 87.4	86.9 87.4	86.9 87.4	86.9 87.4	86.9 87.4	86.9 87.4	86.9 87.4	86.9 87.4	86.9 87.4	86.9 87.4	86.9 87.4	86.9 87.4	86.9 87.4
IV 6000 5000	86.3 87.6	88.3 89.8	88.5 90.1	88.6 90.2	88.7 90.2	88.7 90.2	88.7 90.3	88.7 90.3	88.7 90.3	88.7 90.3	88.7 90.3	88.7 90.3	88.7 90.3	88.7 90.3	88.7 90.3	88.7 90.3
IV 4500 4000	88.4 89.7	90.6 92.2	90.9 92.5	91.0 92.7	91.1 92.7	91.1 92.8	91.1 92.8	91.1 92.8	91.1 92.8	91.1 92.8	91.1 92.8	91.1 92.8	91.1 92.8	91.1 92.8	91.1 92.8	91.1 92.8
IV 3500 3000	90.3 91.3	92.8 94.2	93.1 94.6	93.3 94.8	93.4 94.9	93.4 94.9	93.5 95.0	93.5 95.0	93.5 95.0	93.5 95.0	93.5 95.0	93.5 95.0	93.5 95.0	93.5 95.0	93.5 95.0	93.5 95.0
IV 2500 2000	92.0 92.8	95.1 96.4	95.5 96.8	95.7 97.0	95.8 97.2	95.8 97.3	95.9 97.4	95.9 97.4	95.9 97.4	95.9 97.4	96.0 97.4	96.0 97.4	96.0 97.4	96.0 97.4	96.0 97.4	96.0 97.4
IV 1800 1500	92.9 93.4	96.5 97.0	96.9 97.4	97.1 97.6	97.4 97.9	97.4 98.0	97.5 98.1	97.5 98.1	97.5 98.1	97.6 98.1	97.6 98.1	97.6 98.1	97.6 98.1	97.6 98.1	97.6 98.1	97.6 98.1
IV 1200 1000	93.6 93.7	97.3 97.5	97.8 98.0	98.0 98.2	98.3 98.5	98.3 98.5	98.4 98.6	98.4 98.6	98.4 98.6	98.4 98.7	98.5 98.7	98.5 98.7	98.5 98.7	98.5 98.7	98.5 98.7	98.5 98.7
IV 900 800	93.8 94.0	97.6 97.8	98.1 98.3	98.3 98.5	98.6 98.8	98.6 98.8	98.7 98.9	98.7 98.9	98.7 98.9	98.8 99.0	98.8 99.0	98.8 99.0	98.8 99.0	98.8 99.0	98.8 99.0	98.8 99.0
IV 700 600	94.1 94.2	98.0 98.1	98.5 98.6	98.8 98.8	99.0 99.1	99.1 99.2	99.2 99.3	99.2 99.3	99.2 99.3	99.2 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3
IV 500 400	94.2 94.2	98.2 98.2	98.7 98.8	98.9 99.0	99.3 99.4	99.3 99.4	99.4 99.5	99.4 99.5	99.4 99.5	99.5 99.6	99.5 99.6	99.5 99.6	99.5 99.6	99.5 99.6	99.5 99.6	99.5 99.6
IV 300 200	94.3 94.4	98.3 98.4	98.9 98.9	99.1 99.2	99.5 99.6	99.5 99.6	99.7 99.8	99.7 99.8	99.7 99.8	99.8 99.8	99.8 99.9	99.8 99.9	99.8 99.9	99.8 99.9	99.8 99.9	99.8 99.9
IV 100 0	94.4 94.4	98.4 98.4	98.9 98.9	99.2 99.2	99.6 99.6	99.6 99.6	99.8 99.8	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9

TOTAL NUMBER OF OBSERVATIONS 2831

USAF ETAC FORM 21-64 0-14-5(OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42,45-72  
YEARS

JUN  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	63.4	65.2	65.6	65.6	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0
≥ 20000	71.4	73.4	73.8	73.9	74.0	74.0	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2
IV 18000	71.4	73.4	73.8	73.9	74.0	74.0	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2
IV 16000	71.6	73.7	74.0	74.1	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 14000	72.9	74.9	75.3	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7
IV 12000	76.1	78.3	78.7	78.8	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 10000	78.0	80.2	80.7	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1
IV 9000	78.5	80.8	81.2	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6
IV 8000	80.3	82.7	83.2	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6
IV 7000	81.2	83.7	84.2	84.3	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 6000	82.2	84.9	85.4	85.5	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9
IV 5000	83.5	86.6	87.2	87.2	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8
IV 4500	84.2	87.5	88.1	88.2	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7
IV 4000	85.6	89.1	89.9	90.0	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5
IV 3500	86.1	89.7	90.5	90.6	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 3000	87.1	90.9	91.7	91.8	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3
IV 2500	88.1	92.0	92.8	92.9	93.1	93.1	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4
IV 2000	89.2	93.1	93.9	94.1	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6
IV 1800	89.4	93.4	94.1	94.3	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8
IV 1500	90.0	94.2	95.0	95.2	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 1200	90.7	95.0	95.8	96.0	96.3	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1000	90.9	95.4	96.3	96.5	96.8	96.8	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
IV 900	91.2	95.7	96.6	96.8	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4
IV 800	91.6	96.3	97.1	97.3	97.7	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1
IV 700	91.8	96.5	97.3	97.6	97.9	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
IV 600	91.9	96.6	97.5	97.7	98.1	98.2	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7
IV 500	92.0	96.9	97.8	98.0	98.4	98.5	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
IV 400	92.1	97.2	98.2	98.4	98.8	98.9	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	92.2	97.2	98.2	98.4	98.9	99.0	99.3	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	92.3	97.3	98.3	98.6	99.1	99.2	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9
IV 100	92.3	97.3	98.3	98.6	99.1	99.2	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9
IV 0	92.3	97.3	98.3	98.6	99.1	99.2	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2829

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42,45-72  
YEARS

JUN  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.7	54.2	54.6	54.8	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
IV 20000	63.6	65.8	66.5	66.7	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
IV 18000	63.7	65.9	66.5	66.7	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 16000	64.0	66.2	66.8	67.0	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 14000	64.8	67.0	67.7	67.9	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 12000	67.9	70.1	70.8	71.1	71.2	71.2	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 10000	71.1	73.8	74.5	74.8	74.9	74.9	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 9000	71.7	74.5	75.2	75.5	75.6	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 8000	73.3	76.1	76.8	77.1	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 7000	74.8	77.6	78.3	78.6	78.8	78.8	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 6000	76.3	79.2	79.9	80.2	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 5000	78.0	81.1	81.9	82.2	82.4	82.4	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 4500	78.4	81.5	82.3	82.6	82.8	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 4000	79.7	82.8	83.6	83.9	84.1	84.1	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 3500	80.3	83.6	84.4	84.7	85.0	85.0	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 3000	81.7	85.1	85.9	86.3	86.5	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 2500	83.2	86.8	87.6	87.9	88.1	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 2000	84.7	88.4	89.3	89.6	89.9	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 1800	85.1	88.9	89.8	90.1	90.4	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 1500	86.5	90.4	91.4	91.7	92.0	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 1200	87.5	91.6	92.6	92.9	93.3	93.3	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 1000	88.5	93.1	94.1	94.4	94.9	94.9	95.0	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 900	88.9	93.6	94.7	95.0	95.5	95.5	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 800	89.4	94.5	95.7	96.0	96.6	96.6	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 700	89.7	94.8	96.2	96.6	97.2	97.2	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 600	90.0	95.4	96.8	97.3	97.9	97.9	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 500	90.2	95.7	97.3	97.8	98.5	98.5	98.8	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1
IV 400	90.3	95.9	97.5	98.0	98.8	98.8	99.1	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IV 300	90.3	96.0	97.6	98.1	98.9	98.9	99.2	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	90.3	96.0	97.6	98.1	98.9	98.9	99.3	99.3	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	90.3	96.0	97.6	98.1	98.9	98.9	99.3	99.4	99.4	99.7	99.8	99.8	99.8	99.9	99.9	100.0
IV 0	90.3	96.0	97.6	98.1	98.9	98.9	99.3	99.4	99.4	99.7	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2824

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42,45-72  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.5	55.1	55.3	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 20000	64.5	65.6	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 18000	64.9	65.9	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 16000	65.2	66.3	66.5	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
IV 14000	66.1	67.1	67.4	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 12000	68.9	70.0	70.2	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
IV 10000	71.5	72.7	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 9000	72.1	73.4	73.6	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 8000	73.5	74.8	75.1	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 7000	74.5	75.8	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 6000	75.8	77.2	77.5	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 5000	77.2	78.7	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 4500	77.8	79.3	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 4000	79.2	80.6	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 3500	80.3	81.8	82.1	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 3000	83.1	84.6	84.9	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 2500	85.9	87.5	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 2000	88.9	90.9	91.3	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 1800	90.1	92.2	92.6	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 1500	91.6	94.0	94.4	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1200	93.4	96.3	96.7	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1000	94.0	97.1	97.6	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 900	94.2	97.4	97.9	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 800	94.4	97.8	98.3	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 700	94.7	98.1	98.6	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 600	94.9	98.5	99.0	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	94.9	98.5	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	95.0	98.6	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	95.0	98.6	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	95.0	98.6	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	95.0	98.6	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	95.0	98.6	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2826



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42,45-72  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	56.0	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	55.4	56.4	56.4	56.4	56.4
≥ 20000	66.7	66.9	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
IV 18000	67.0	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 16000	67.3	67.5	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 14000	68.4	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 12000	70.2	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 10000	72.5	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 9000	73.5	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 8000	74.5	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 7000	75.0	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 6000	75.8	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
IV 5000	78.6	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 4500	79.3	79.7	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 4000	82.8	83.2	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 3500	86.1	86.5	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 3000	90.6	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 2500	93.7	94.2	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 2000	95.7	96.5	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1800	96.0	96.8	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1500	96.9	97.3	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1200	97.2	98.2	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1000	97.6	98.5	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 900	97.8	98.8	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 800	97.9	99.0	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	98.0	99.1	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	98.1	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	98.1	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	98.1	99.3	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	98.1	99.3	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	98.1	99.3	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	98.1	99.3	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	98.1	99.3	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2527

USAF ETAC

FORM  
JUL 64

0-14-5(OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42-45-72  
YEARS

JUN  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	61.1	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 20000	73.9	74.2	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 18000	74.0	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 16000	74.4	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 14000	75.1	75.4	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 12000	76.5	76.8	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 10000	78.7	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 9000	79.4	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 8000	80.5	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 7000	81.1	81.5	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 6000	81.7	82.2	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 5000	84.2	84.6	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 4500	85.5	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 4000	89.2	89.8	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 3500	92.1	92.7	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 3000	94.4	95.0	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 2500	96.1	96.8	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 2000	96.9	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1800	97.1	98.0	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
IV 1500	97.7	98.5	98.6	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1200	98.0	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
IV 1000	98.1	99.0	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 900	98.2	99.2	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	98.3	99.3	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	98.3	99.3	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	98.3	99.3	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	98.3	99.3	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	98.3	99.3	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	98.3	99.3	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	98.3	99.3	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	98.3	99.3	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	98.3	99.3	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 2832



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42,45-72  
YEARS

JUN  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	56.1	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 20000	81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 18000	81.5	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 16000	82.0	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 14000	82.7	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 12000	84.4	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 10000	86.5	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 9000	87.5	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 8000	88.2	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 7000	89.0	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 6000	89.8	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 5000	90.6	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 4500	91.3	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 4000	93.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 3500	94.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 3000	95.4	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 2500	96.2	97.4	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 2000	96.7	97.9	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1800	96.9	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1500	97.2	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
IV 1200	97.5	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000	97.5	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4
IV 900	97.6	99.1	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 800	97.6	99.1	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 700	97.6	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 600	97.6	99.2	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 500	97.6	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 400	97.6	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8
IV 300	97.6	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8
IV 200	97.6	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8
IV 100	97.6	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	100.0
IV 0	97.6	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2835

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42,45-72  
YEARS

JUN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	69.1	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 20000	80.2	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 18000	80.6	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 16000	80.9	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 14000	81.7	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 12000	84.0	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 10000	85.9	86.8	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 9000	86.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 8000	88.2	89.2	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 7000	88.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 6000	89.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 5000	90.7	92.1	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 4500	91.2	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 4000	92.2	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 3500	93.0	94.7	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 3000	96.0	96.0	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 2500	94.9	97.1	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 2000	95.6	97.9	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1800	95.7	98.1	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1500	95.8	98.2	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1200	96.1	98.6	98.8	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000	96.3	98.7	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 900	96.3	98.8	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 800	96.4	98.8	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 700	96.5	99.0	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	96.6	99.2	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	96.6	99.2	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	96.6	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	96.6	99.2	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	96.6	99.2	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	96.6	99.2	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	96.6	99.2	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2831

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41, 45-46, 48-72  
YEARS

JUL  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	77.8	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 20000	83.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 18000	83.7	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 16000	83.7	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 14000	84.7	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 12000	86.5	87.9	88.2	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 10000	89.4	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 9000	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 8000	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 7000	92.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 6000	92.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 5000	93.2	94.7	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 4500	93.6	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 4000	94.2	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 3500	94.6	96.4	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 3000	95.1	97.0	97.4	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 2500	95.4	97.4	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 2000	95.6	97.7	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1800	95.7	97.8	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1500	95.8	98.0	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1200	96.3	98.5	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000	96.4	98.7	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 900	96.4	98.8	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 800	96.4	98.8	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 700	96.4	98.8	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	96.5	98.9	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	96.5	99.1	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	96.6	99.1	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	96.6	99.1	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	96.6	99.1	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	96.6	99.1	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	96.6	99.1	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2735

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FJRT SILL OKLAHOMA/POST FLD  
STATION NAME

29-41,45-72  
YEARS

JUL  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	72.0	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.9	73.9	74.0	74.1
IV 20000	77.4	79.2	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.7	79.7	79.7	79.8
IV 18000	77.8	79.6	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.1	80.1	80.1	80.2
IV 16000	78.1	80.0	80.1	80.1	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.4	80.4	80.5	80.5
IV 14000	78.7	80.5	80.6	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.9	81.0	81.0	81.1
IV 12000	81.0	83.0	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.5	83.5	83.6	83.7
IV 10000	84.2	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.8	86.8	86.9	87.0
IV 9000	85.2	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	88.0	88.0	88.0	88.1
IV 8000	86.6	89.0	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.5	89.5	89.6	89.6
IV 7000	87.3	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.4	90.5	90.5	90.6
IV 6000	88.2	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.4	91.4	91.4	91.5
IV 5000	89.4	92.2	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.7	92.8	92.8	92.9
IV 4500	90.0	92.7	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.3	93.3	93.4	93.4
IV 4000	90.8	93.7	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.4	94.4	94.4	94.5
IV 3500	91.3	94.1	94.4	94.5	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.8	94.9	94.9	95.0
IV 3000	91.9	94.9	95.3	95.4	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.7	95.8	95.8	95.9
IV 2500	92.3	95.3	95.8	95.8	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.2	96.2	96.2	96.3
IV 2000	92.6	95.7	96.3	96.4	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.7	96.7	96.8	96.8
IV 1800	92.6	95.8	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.8	96.9
IV 1500	92.9	96.1	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.2	97.2	97.2	97.3
IV 1200	93.2	96.6	97.2	97.3	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.9
IV 1000	93.4	97.0	97.7	97.8	97.9	97.9	97.9	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.3	98.4
IV 900	93.5	97.2	97.9	98.0	98.1	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.4	98.5	98.5	98.6
IV 800	93.7	97.3	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.7	98.7	98.7	98.8
IV 700	93.8	97.6	98.5	98.6	98.7	98.7	98.7	98.7	98.8	98.9	98.9	98.9	99.0	99.1	99.1	99.2
IV 600	93.8	97.7	98.6	98.7	98.8	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.1	99.2	99.2	99.3
IV 500	93.9	97.8	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.4	99.5	99.5	99.6
IV 400	93.9	97.9	98.8	99.0	99.2	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.7	99.7
IV 300	94.0	98.0	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.7	99.8	99.8	99.9
IV 200	94.0	98.0	98.9	99.1	99.4	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.8	99.8	99.9	99.9
IV 100	94.0	98.0	98.9	99.1	99.4	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.8	99.9	99.9	100.0
IV 0	94.0	98.0	98.9	99.1	99.4	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2790



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,45-72  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	61.1	62.7	62.9	63.1	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4
IV 20000	69.8	71.8	72.0	72.2	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.6
IV 18000	70.2	72.2	72.4	72.6	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	73.0
IV 16000	70.6	72.6	72.8	73.0	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4
IV 14000	71.7	73.6	73.9	74.0	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.5
IV 12000	75.1	77.2	77.5	77.7	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.1
IV 10000	79.5	81.9	82.2	82.4	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8
IV 9000	80.7	83.2	83.5	83.6	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.1
IV 8000	82.6	85.5	85.8	85.9	86.0	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4
IV 7000	83.5	86.4	86.7	86.9	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3	87.4
IV 6000	84.3	87.3	87.6	87.9	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.4
IV 5000	85.9	89.1	89.5	89.7	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.3
IV 4500	86.3	89.6	90.0	90.3	90.4	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.8
IV 4000	87.4	90.9	91.3	91.5	91.7	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.2
IV 3500	87.8	91.4	91.7	92.0	92.2	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.7
IV 3000	88.7	92.4	92.8	93.1	93.3	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.8
IV 2500	89.2	93.0	93.5	93.8	94.0	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.5
IV 2000	89.5	93.4	93.9	94.2	94.4	94.5	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	95.0
IV 1800	89.8	93.8	94.2	94.6	94.8	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.3
IV 1500	90.2	94.5	95.0	95.3	95.6	95.7	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.2
IV 1200	90.7	95.0	95.7	96.0	96.3	96.4	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.9
IV 1000	91.2	95.8	96.4	96.8	97.1	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.7
IV 900	91.4	96.1	96.8	97.2	97.6	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.3
IV 800	91.6	96.3	97.1	97.5	97.8	97.9	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.5
IV 700	91.8	96.6	97.4	97.8	98.2	98.2	98.5	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.8
IV 600	91.8	96.7	97.5	97.9	98.3	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	99.1
IV 500	91.8	96.8	97.6	98.0	98.5	98.5	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.3
IV 400	91.9	96.9	97.8	98.3	98.9	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.7
IV 300	92.0	97.0	98.0	98.4	99.1	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.9
IV 200	92.0	97.0	98.0	98.4	99.1	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.9
IV 100	92.0	97.0	98.0	98.5	99.1	99.2	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	100.0
IV C	92.0	97.1	98.0	98.5	99.1	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2816

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/INAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/PDST FLD  
STATION NAME

39-41,45-72  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (ST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	62.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
IV 20000	71.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IV 18000	72.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 16000	72.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 14000	73.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 12000	75.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 10000	81.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 9000	81.9	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 8000	83.3	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 7000	84.0	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 6000	84.6	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 5000	86.1	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 4500	86.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 4000	87.8	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 3500	88.4	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 3000	89.7	92.4	92.5	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 2500	91.5	94.3	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6
IV 2000	92.6	95.4	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 1800	92.9	95.8	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 1500	93.9	96.9	97.1	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1200	94.7	97.8	98.0	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1000	94.9	98.2	98.4	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 900	95.0	98.3	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 800	95.2	98.6	99.0	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
IV 700	95.3	98.7	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	95.3	98.8	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	95.4	98.9	99.4	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	95.4	98.9	99.5	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	95.4	98.9	99.5	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	95.4	98.9	99.5	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	95.4	98.9	99.5	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	95.4	98.9	99.5	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2826



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/RAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,45-72  
YEARS

JUL  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 20000	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 18000	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 16000	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 14000	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 12000	76.3	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 10000	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 9000	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 8000	81.0	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 7000	81.5	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 6000	82.7	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 5000	85.5	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 4500	86.4	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 4000	89.5	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 3500	91.3	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 3000	94.4	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 2500	96.2	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3
IV 2000	96.9	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1800	97.1	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1500	97.5	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1200	97.7	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1000	97.7	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	97.8	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	97.9	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	97.9	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	98.0	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	98.0	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	98.0	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 300	98.0	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 200	98.0	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	98.0	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	98.0	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2832

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

59-41,45-72  
YEARS

JUL  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 20000	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IV 18000	76.1	76.1	75.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 16000	76.7	75.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 14000	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 12000	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 10000	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 9000	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 8000	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 7000	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 6000	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 5000	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 4500	90.4	90.7	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 4000	93.2	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 3500	94.5	94.9	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 3000	96.9	97.2	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6
IV 2500	97.9	98.2	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6
IV 2000	98.4	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2
IV 1800	98.7	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1500	98.7	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5
IV 1200	98.8	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
IV 1000	98.8	99.5	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IV 900	98.9	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	98.9	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	98.9	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	98.9	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 500	98.9	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 400	98.9	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 300	98.9	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 200	98.9	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 100	98.9	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 0	98.9	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2834

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,45-72  
YEARS

JUL  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 20000	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 18000	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 16000	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 14000	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 12000	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 10000	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 9000	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 8000	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 7000	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 6000	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 5000	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 4500	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 4000	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 3500	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 3000	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 2500	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 2000	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1800	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1500	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1200	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 900	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 800	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 700	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 600	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 200	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 100	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 2819

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41, 45-72  
YEARS

JUL  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 20000	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 18000	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 16000	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 14000	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 12000	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 10000	91.5	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 9000	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 8000	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 7000	94.5	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 6000	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 5000	95.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 4500	95.7	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 4000	96.4	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 3500	96.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 3000	97.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 2500	97.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 2000	97.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1800	97.7	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1500	97.9	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1200	98.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000	98.1	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	98.1	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	98.1	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	98.1	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	98.1	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	98.1	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	98.1	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	98.1	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	98.1	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	98.1	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	98.2	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2799



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41, 44-46, 48-72  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	77.2 83.8	78.4 85.1	78.6 85.1	78.6 85.1	78.6 85.1	78.6 85.1	78.6 85.1	78.6 85.1	78.6 85.1	78.6 85.1	78.6 85.1	78.6 85.1	78.6 85.1	78.6 85.1	78.6 85.1	78.6 85.1
IV 18000 IV 16000	83.8 83.8	85.1 85.1	85.2 85.3	85.2 85.3	85.2 85.3	85.2 85.3	85.2 85.3	85.2 85.3	85.2 85.3	35.2 85.3	85.2 85.3	85.2 85.3	85.2 85.3	85.2 85.3	85.2 85.3	85.2 85.3
IV 14000 IV 12000	84.7 86.2	86.1 88.3	86.2 88.4	86.2 88.4	86.2 88.4	86.2 88.4	86.2 88.4	86.2 88.4	86.2 88.4	86.2 88.4	86.2 88.4	86.2 88.4	86.2 88.4	86.2 88.4	86.2 88.4	86.2 88.4
IV 10000 IV 9000	89.9 90.8	91.4 92.3	91.5 92.5	91.5 92.5	91.5 92.5	91.5 92.5	91.5 92.5	91.5 92.5	91.5 92.5	91.5 92.5	91.5 92.5	91.5 92.5	91.5 92.5	91.5 92.5	91.5 92.5	91.5 92.5
IV 8000 IV 7000	92.5 93.2	94.1 94.7	94.3 95.0	94.3 95.0	94.3 95.0	94.3 95.0	94.3 95.0	94.3 95.0	94.3 95.0	94.3 95.0	94.3 95.0	94.3 95.0	94.3 95.0	94.3 95.0	94.3 95.0	94.3 95.0
IV 6000 IV 5000	93.8 94.5	95.6 96.5	96.0 96.8	96.0 96.9	96.0 96.9	96.0 96.9	96.0 96.9	96.0 96.9	96.0 96.9	96.0 96.9	96.0 96.9	96.0 96.9	96.0 96.9	96.0 96.9	96.0 96.9	96.0 96.9
IV 4500 IV 4000	94.7 95.4	96.6 97.6	97.0 98.0	97.0 98.1	97.0 98.1	97.0 98.1	97.0 98.1	97.0 98.1	97.0 98.1	97.0 98.1	97.0 98.1	97.0 98.1	97.0 98.1	97.0 98.1	97.0 98.1	97.0 98.1
IV 3500 IV 3000	95.5 96.1	97.7 98.2	98.2 98.7	98.2 98.7	98.2 98.8	98.2 98.8	98.2 98.8	98.2 98.8	98.2 98.8	98.2 98.8	98.2 98.8	98.2 98.8	98.2 98.8	98.2 98.8	98.2 98.8	98.2 98.8
IV 2500 IV 2000	96.1 96.2	98.4 98.5	98.9 99.0	98.9 99.0	99.0 99.1	99.0 99.1	99.0 99.1	99.0 99.1	99.0 99.1	99.0 99.1	99.0 99.1	99.0 99.1	99.0 99.1	99.0 99.1	99.0 99.1	99.0 99.1
IV 1800 IV 1500	96.2 96.3	98.5 98.6	99.1 99.2	99.1 99.2	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4
IV 1200 IV 1000	96.4 96.5	98.8 98.9	99.5 99.7	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8
IV 900 IV 800	96.5 96.6	98.9 99.0	99.7 99.8	99.8 99.9	99.8 99.9	99.8 99.9	99.8 99.9	99.8 99.9	99.8 99.9	99.8 99.9	99.8 99.9	99.8 99.9	99.8 99.9	99.8 99.9	99.8 99.9	99.8 99.9
IV 700 IV 600	96.6 96.6	99.1 99.1	99.8 99.8	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 500 IV 400	96.6 96.6	99.1 99.1	99.8 99.8	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 300 IV 200	96.6 96.6	99.1 99.1	99.8 99.8	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 100 IV 0	96.6 96.6	99.1 99.1	99.8 99.8	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 2875



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

18945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	72.3	74.4	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 20000	78.0	80.2	80.7	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 18000	78.1	80.4	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 16000	78.3	80.6	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 14000	78.9	81.3	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 12000	81.4	84.0	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 10000	84.4	87.2	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 9000	85.6	88.4	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 8000	87.3	90.1	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 7000	88.1	91.3	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 6000	89.0	92.4	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 5000	89.6	93.4	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 4500	89.9	93.8	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 4000	90.8	94.9	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 3500	91.0	95.2	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 3000	91.5	95.8	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 2500	91.8	96.3	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 2000	92.1	96.7	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1800	92.1	96.8	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1500	92.3	97.1	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1200	92.5	97.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1000	92.7	97.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 900	92.7	97.7	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 800	92.8	97.9	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 700	92.9	98.0	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	93.1	98.2	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	93.2	98.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	93.2	98.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	93.2	98.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	93.2	98.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	93.2	98.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	93.2	98.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2933

USAF ETAC

FORM  
AUG 64

0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DATA ON  
USAF ETAC  
AIR WEATHER SERVICE/NAO

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

AUG  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	61.4	63.9	64.5	64.0	65.0	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 20000	65.9	71.7	72.4	72.6	73.0	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 18000	69.2	72.0	72.6	73.0	73.2	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 16000	69.5	72.3	73.0	73.3	73.6	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 14000	70.8	73.6	74.2	74.6	74.9	75.0	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 12000	73.9	76.7	77.4	77.7	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 10000	78.6	81.6	82.4	82.7	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 9000	79.3	82.4	83.2	83.6	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 8000	81.2	84.4	85.2	85.5	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 7000	82.3	85.8	86.6	87.0	87.2	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 6000	83.5	86.9	87.8	88.1	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 5000	85.1	88.6	89.5	89.9	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 4500	85.3	89.0	89.9	90.3	90.6	90.7	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 4000	86.8	90.7	91.6	92.0	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 3500	87.4	91.4	92.4	92.8	93.1	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 3000	88.3	92.1	93.1	93.5	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 2500	88.3	92.4	93.4	93.9	94.2	94.3	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 2000	88.8	93.0	94.0	94.4	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 1800	88.9	93.1	94.1	94.6	95.0	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 1500	89.2	93.5	94.6	95.1	95.5	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 1200	89.5	93.9	95.0	95.5	96.0	96.1	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 1000	89.9	94.5	95.6	96.2	96.7	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 900	90.1	94.7	95.8	96.4	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 800	90.2	94.9	96.1	96.7	97.4	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 700	90.4	95.2	96.5	97.1	97.9	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 600	90.5	95.8	97.1	97.7	98.5	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 500	90.7	96.0	97.4	98.1	98.9	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	90.8	96.1	97.6	98.3	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	90.8	96.2	97.7	98.4	99.3	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	90.8	96.2	97.7	98.4	99.3	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	90.8	96.2	97.7	98.4	99.3	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 0	90.8	96.2	97.7	98.4	99.3	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2966

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

AUG  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS(EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING	64.2	56.1	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
IV 20000	72.9	74.3	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9
IV 18000	73.4	74.8	75.0	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 16000	73.5	74.9	75.2	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IV 14000	75.1	76.5	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1
IV 12000	77.7	79.1	79.3	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 10000	81.9	83.5	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1
IV 9000	82.7	84.4	84.7	84.7	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0
IV 8000	84.2	85.9	86.2	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 7000	84.6	86.7	87.0	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 6000	85.7	87.6	87.9	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 5000	87.1	89.2	89.5	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 4500	87.6	89.7	90.0	90.1	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4
IV 4000	88.8	91.0	91.4	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 3500	89.5	91.8	92.2	92.3	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 3000	90.2	92.7	93.1	93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6
IV 2500	91.0	93.5	93.9	94.0	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 2000	92.3	94.6	95.3	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9
IV 1800	92.6	95.1	95.6	95.8	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
IV 1500	93.0	95.9	96.4	96.6	96.8	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
IV 1200	93.4	96.4	96.9	97.1	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5
IV 1000	93.8	96.9	97.5	97.7	98.0	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2
IV 900	93.9	97.2	97.9	98.1	98.4	98.4	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6
IV 800	94.0	97.5	98.4	98.7	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2
IV 700	94.1	97.6	98.5	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3
IV 600	94.2	97.7	98.6	98.9	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.5
IV 500	94.2	97.9	98.8	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
IV 400	94.2	97.9	98.8	99.2	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 300	94.2	97.9	98.8	99.2	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
IV 200	94.2	97.9	98.8	99.2	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
IV 100	94.2	97.9	98.8	99.2	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
IV 0	94.2	97.9	98.8	99.2	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2970

USAF ETAC

FORM  
XX 64

0-145(OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (ST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	61.4	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
IV 20000	70.5	71.2	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 18000	71.0	71.7	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 16000	71.4	72.1	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 14000	73.1	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 12000	76.7	76.8	76.8	76.9	76.5	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 10000	79.0	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 9000	79.8	80.4	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 8000	80.8	81.7	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 7000	81.2	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 6000	82.4	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 5000	85.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 4500	86.9	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 4000	89.9	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 3500	91.3	92.7	92.8	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 3000	93.3	94.7	94.9	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 2500	95.1	96.6	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 2000	96.2	97.8	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1800	96.4	98.0	98.3	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1500	96.8	98.5	98.8	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1200	97.1	98.8	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1000	97.2	99.1	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	97.2	99.1	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	97.3	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	97.4	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	97.4	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	97.4	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	97.4	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	97.4	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	97.4	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	97.4	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	97.4	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2966



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLN  
STATION NAME

29-41,44-72  
YEARS

AUG  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 20000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 18000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 16000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 14000	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 12000	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 10000	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 9000	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 8000	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 7000	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 6000	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 5000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 4500	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 4000	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 3500	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 3000	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 2500	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 2000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1800	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1200	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 2969



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

AUG  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (IST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	70.2	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 20000	82.5	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 18000	83.2	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 16000	83.6	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 14000	84.8	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 12000	87.7	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 10000	90.2	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 9000	91.3	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 8000	92.2	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 7000	92.6	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 6000	93.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 5000	94.9	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 4500	95.4	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 4000	96.5	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 3500	96.7	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 3000	97.1	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 2500	97.3	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 2000	97.4	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1800	97.5	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1500	97.6	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1200	97.6	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1000	97.7	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	97.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	97.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	97.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	97.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	97.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	97.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	97.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	97.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	97.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	97.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 2971

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	78.6	79.3	79.5	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 20000	85.1	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 18000	85.3	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 16000	85.6	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 14000	86.5	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 12000	89.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 10000	91.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 9000	92.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 8000	93.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 7000	93.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 6000	94.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 5000	95.2	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 4500	95.6	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 4000	96.9	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 3500	96.9	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 3000	97.2	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 2500	97.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 2000	97.3	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1800	97.5	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1500	97.6	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1200	97.7	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1000	97.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	97.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	97.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	97.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	97.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	97.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	97.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	97.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	97.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	97.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	97.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2936

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	73.0	74.3	74.5	74.5	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 20000	78.1	79.7	79.9	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 18000	78.2	79.9	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 16000	78.3	80.0	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 14000	78.9	80.6	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 12000	80.2	82.1	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 10000	82.3	84.2	84.4	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 9000	82.3	84.9	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 8000	84.5	86.7	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 7000	85.0	87.3	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 6000	85.8	88.2	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 5000	86.8	89.5	89.7	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 4500	87.1	89.9	90.2	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 4000	87.9	90.9	91.1	91.2	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 3500	88.4	91.5	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 3000	88.8	92.1	92.5	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 2500	89.3	92.9	93.3	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 2000	90.2	93.9	94.4	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 1800	90.3	94.2	94.7	94.8	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 1500	90.8	95.0	95.5	95.6	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 1200	91.0	95.5	96.0	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1000	91.5	96.3	96.8	97.0	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 900	91.6	96.4	96.9	97.1	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 800	91.8	96.6	97.4	97.6	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 700	92.0	97.1	97.7	97.9	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 600	92.1	97.2	97.8	98.3	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 500	92.2	97.4	98.0	98.5	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	92.2	97.6	98.2	98.7	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	92.3	97.6	98.3	98.8	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	92.3	97.7	98.4	98.9	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 100	92.3	97.7	98.4	98.9	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	92.3	97.7	98.4	98.9	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2868

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41.44-72  
YEARS

SEP  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	68.2	73.8	71.2	71.5	71.6	71.6	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9
≥ 20000	72.3	74.8	75.2	75.4	75.5	75.6	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9
IV 18000	72.5	75.1	75.4	75.6	75.7	75.7	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.1
IV 16000	72.5	75.1	75.5	75.7	75.8	75.8	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.2
IV 14000	73.5	76.0	76.5	76.7	76.8	76.8	77.0	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.2
IV 12000	75.1	77.8	78.2	78.4	78.5	78.5	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.9
IV 10000	76.8	79.6	80.0	80.3	80.4	80.4	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7
IV 9000	77.4	80.2	80.7	80.9	81.0	81.1	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.4	81.4
IV 8000	79.2	82.2	82.6	82.8	82.9	83.0	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3
IV 7000	79.9	83.0	83.5	83.7	83.9	83.9	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.3
IV 6000	80.4	83.8	84.2	84.6	84.7	84.8	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.1	85.1
IV 5000	81.5	85.1	85.6	85.9	86.0	86.0	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.4	86.4
IV 4500	82.2	85.8	86.4	86.6	86.8	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.2	87.2
IV 4000	83.0	86.9	87.4	87.7	87.8	87.9	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2
IV 3500	83.4	87.3	87.9	88.2	88.4	88.4	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.8
IV 3000	84.0	88.2	88.9	89.2	89.4	89.5	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.8	89.8
IV 2500	84.4	88.9	89.6	89.9	90.1	90.2	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5
IV 2000	85.2	90.2	90.9	91.3	91.5	91.6	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9
IV 1800	85.3	90.5	91.2	91.6	91.8	91.8	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.2	92.2
IV 1500	85.7	91.3	92.1	92.5	92.7	92.7	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1
IV 1200	86.4	92.3	93.2	93.5	93.8	93.9	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2
IV 1000	87.1	93.2	94.2	94.6	94.9	95.0	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.4	95.4
IV 900	87.4	93.6	94.6	95.1	95.4	95.5	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
IV 800	87.5	94.1	95.1	95.7	96.1	96.2	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.6
IV 700	87.7	94.5	95.6	96.2	96.6	96.7	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.1	97.1
IV 600	87.9	94.8	96.1	96.8	97.2	97.2	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.7	97.7
IV 500	88.0	95.0	96.4	97.2	97.7	97.8	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4
IV 400	88.0	95.3	96.8	97.6	98.4	98.4	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1
IV 300	88.0	95.3	96.9	97.7	98.5	98.6	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3
IV 200	88.0	95.3	96.9	97.8	98.6	98.7	99.2	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6
IV 100	88.0	95.3	96.9	97.8	98.6	98.7	99.2	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.7
IV 0	88.0	95.3	96.9	97.8	98.6	98.7	99.2	99.4	99.4	99.5	99.5	99.6	99.6	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2867



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

29-41,44-72  
YEARS

SEP  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	56.8	60.4	61.1	61.3	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9
IV 20000	62.5	66.7	67.4	67.7	68.0	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3
IV 18000	62.6	66.8	67.5	67.8	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4
IV 16000	62.8	67.0	67.8	68.1	68.4	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7
IV 14000	63.8	68.1	68.8	69.1	69.4	69.4	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.8
IV 12000	65.9	70.2	71.0	71.4	71.7	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.1
IV 10000	68.0	72.6	73.3	73.8	74.1	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.5
IV 9000	68.9	73.7	74.4	74.8	75.1	75.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5
IV 8000	70.9	75.9	76.7	77.2	77.5	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9
IV 7000	71.7	76.7	77.5	78.1	78.4	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8
IV 6000	72.4	77.6	78.4	79.0	79.3	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7
IV 5000	73.7	79.1	80.0	80.7	81.1	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5
IV 4500	74.0	79.5	80.4	81.1	81.4	81.5	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9
IV 4000	74.7	80.6	81.6	82.3	82.7	82.8	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.2
IV 3500	75.5	81.5	82.4	83.2	83.6	83.7	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.1
IV 3000	76.4	82.5	83.5	84.2	84.7	84.8	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2
IV 2500	77.1	83.1	84.2	84.9	85.4	85.5	85.7	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.0
IV 2000	76.0	84.2	85.4	86.2	86.7	86.7	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.2
IV 1800	76.2	84.6	85.8	86.6	87.1	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6
IV 1500	76.6	85.3	86.5	87.3	87.9	87.9	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4
IV 1200	79.0	86.0	87.3	88.2	88.8	88.8	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.3
IV 1000	75.9	87.6	89.1	90.0	90.7	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2
IV 900	80.2	88.1	89.7	90.6	91.4	91.4	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	92.0
IV 800	80.6	88.9	90.6	91.7	92.5	92.6	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.3
IV 700	81.2	90.1	91.9	92.9	94.1	94.2	94.5	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	95.0
IV 600	81.5	90.9	92.9	94.1	95.3	95.4	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.2
IV 500	81.5	91.1	93.3	94.7	96.1	96.2	96.7	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.2
IV 400	81.8	91.3	93.8	95.3	96.8	97.1	97.5	97.9	97.9	98.0	98.0	98.0	98.0	98.1	98.1	98.2
IV 300	81.8	91.6	94.1	95.7	97.1	97.5	98.1	98.5	98.5	98.8	98.8	98.8	98.8	98.9	99.0	99.1
IV 200	81.9	91.7	94.1	95.7	97.2	97.7	98.3	98.8	98.8	99.1	99.1	99.1	99.2	99.4	99.4	99.5
IV 100	81.9	91.7	94.1	95.7	97.2	97.7	98.3	98.8	98.8	99.1	99.2	99.2	99.5	99.5	99.6	99.7
IV 0	81.9	91.7	94.1	95.7	97.2	97.7	98.3	98.8	98.8	99.1	99.2	99.2	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

2877

USAF ETAC

FORM  
JUL 64

0-14-5(OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/PAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

SEP  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	60.2	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
W 20000	65.6	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
W 18000	65.5	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
W 16000	65.5	68.3	68.5	68.5	66.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
W 14000	66.5	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
W 12000	69.1	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
W 10000	71.9	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
W 9000	72.4	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
W 8000	74.0	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
W 7000	74.4	77.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
W 6000	75.0	78.1	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
W 5000	76.2	79.7	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
W 4500	76.7	80.2	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
W 4000	77.7	81.4	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
W 3500	78.4	82.2	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
W 3000	79.5	83.5	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
W 2500	80.5	84.8	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
W 2000	82.2	86.4	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
W 1800	82.5	87.1	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
W 1600	84.3	89.0	89.4	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
W 1400	86.1	91.2	91.7	92.0	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
W 1200	87.0	92.7	93.4	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
W 1000	87.5	93.5	94.3	94.7	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
W 900	88.0	94.6	95.7	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
W 800	88.2	95.2	96.4	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
W 700	88.2	95.5	96.9	97.4	98.0	98.0	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
W 600	88.4	95.7	97.2	97.9	98.7	98.7	98.8	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1
W 500	88.4	95.8	97.3	98.1	99.3	99.3	99.4	99.4	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9
W 400	88.5	96.0	97.5	98.3	99.2	99.2	99.3	99.3	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9
W 300	88.5	96.0	97.5	98.3	99.2	99.2	99.3	99.3	99.4	99.5	99.5	99.7	99.8	99.8	99.8	99.8
W 200	88.5	96.0	97.5	98.3	99.2	99.2	99.3	99.3	99.4	99.5	99.5	99.7	99.8	99.8	99.8	99.8
W 100	88.5	96.0	97.5	98.3	99.2	99.2	99.3	99.3	99.4	99.5	99.5	99.7	99.8	99.8	99.8	99.8
W 0	88.5	96.0	97.5	98.3	99.2	99.2	99.3	99.3	99.4	99.5	99.5	99.7	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 2869

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

SEP  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60.3	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
IV 20000	67.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 18000	67.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV 16000	67.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IV 14000	69.7	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 12000	70.7	72.1	72.3	72.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 10000	72.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 9000	73.5	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 8000	74.5	76.1	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 7000	74.7	76.3	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV 6000	75.9	77.6	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 5000	78.5	80.2	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 4500	79.7	81.6	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 4000	82.6	84.5	84.6	84.6	84.6	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 3500	84.6	86.5	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 3000	87.2	89.2	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 2500	89.1	91.2	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 2000	90.2	92.5	92.7	92.7	92.7	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 1800	93.7	93.7	93.2	93.2	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 1500	92.1	94.7	95.1	95.1	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 1200	93.2	96.2	96.7	96.7	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1000	93.5	96.6	97.1	97.2	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 900	93.6	97.5	97.7	97.7	97.7	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 800	93.7	97.4	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 700	94.3	97.7	98.4	98.6	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 600	94.1	98.1	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 500	94.2	98.1	98.8	99.0	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	94.2	98.2	99.0	99.2	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	94.2	98.3	99.1	99.2	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 200	94.2	98.3	99.1	99.2	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 100	94.2	98.3	99.1	99.2	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	94.2	98.3	99.1	99.2	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2874

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FAR1 SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

SEP  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	63.7 72.5	64.6 73.5	64.7 73.6	64.7 73.6	64.7 73.6	64.7 73.6	64.7 73.6	64.7 73.6	64.7 73.6	64.7 73.6	64.7 73.6	64.7 73.6	64.7 73.6	64.7 73.6	64.7 73.6	64.7 73.6
IV 18000 16000	72.0 72.9	73.6 73.8	73.7 74.0	73.7 74.0	73.7 74.0	73.7 74.0	73.7 74.0	73.7 74.0	73.7 74.0	73.7 74.0	73.7 74.0	73.7 74.0	73.7 74.0	73.7 74.0	73.7 74.0	73.7 74.0
IV 14000 12000	74.3 76.8	75.2 78.0	75.4 78.1	75.4 78.1	75.4 78.1	75.4 78.1	75.4 78.1	75.4 78.1	75.4 78.1	75.4 78.1	75.4 78.1	75.4 78.1	75.4 78.1	75.4 78.1	75.4 78.1	75.4 78.1
IV 10000 9000	79.7 80.3	81.1 81.5	81.2 81.8	81.2 81.8	81.2 81.8	81.2 81.8	81.2 81.8	81.2 81.8	81.2 81.8	81.2 81.8	81.2 81.8	81.2 81.8	81.2 81.8	81.2 81.8	81.2 81.8	81.2 81.8
IV 8000 7000	81.2 81.3	82.5 83.3	82.7 83.4	82.7 83.4	82.7 83.4	82.7 83.4	82.8 83.5	82.8 83.5	82.8 83.5	82.8 83.5	82.8 83.5	82.8 83.5	82.8 83.5	82.8 83.5	82.8 83.5	82.8 83.5
IV 6000 5000	82.5 85.7	84.1 86.9	84.2 86.9	84.2 86.9	84.2 86.9	84.2 86.9	84.2 86.9	84.2 86.9	84.2 86.9	84.2 86.9	84.2 86.9	84.2 86.9	84.2 86.9	84.2 86.9	84.2 86.9	84.2 86.9
IV 4500 4000	86.2 88.4	88.1 90.3	88.2 90.5	88.2 90.6	88.2 90.6	88.2 90.6	88.3 90.7	88.3 90.7	88.3 90.7	88.3 90.7	88.3 90.7	88.3 90.7	88.3 90.7	88.3 90.7	88.3 90.7	88.3 90.7
IV 3500 3000	89.4 91.5	91.3 93.5	91.5 93.8	91.6 94.0	91.6 94.0	91.6 94.0	91.7 94.0	91.7 94.0	91.7 94.0	91.7 94.0	91.7 94.0	91.7 94.0	91.7 94.0	91.7 94.0	91.7 94.0	91.7 94.0
IV 2500 2000	92.3 93.1	94.3 95.1	94.6 95.4	94.6 95.6	94.8 95.7	94.8 95.7	94.8 95.8	94.8 95.8	94.9 95.8	94.9 95.9	94.9 95.9	94.9 95.9	94.9 95.9	94.9 95.9	94.9 95.9	94.9 95.9
IV 1800 1500	93.4 94.0	95.5 96.5	95.8 96.8	95.9 97.0	96.1 97.2	96.1 97.2	96.2 97.3	96.2 97.3	96.2 97.3	96.3 97.4	96.3 97.4	96.3 97.4	96.3 97.4	96.3 97.4	96.3 97.4	96.3 97.4
IV 1200 1000	94.4 94.7	97.1 97.4	97.4 97.7	97.6 97.9	97.8 98.2	97.8 98.3	97.9 98.3	97.9 98.3	97.9 98.4	98.0 98.4	98.0 98.4	98.0 98.4	98.0 98.5	98.1 98.5	98.1 98.5	98.1 98.5
IV 900 800	94.9 95.0	97.6 97.7	97.9 98.1	98.1 98.3	98.4 98.6	98.5 98.7	98.6 98.7	98.6 98.8	98.6 98.9	98.7 98.9	98.7 98.9	98.7 98.9	98.7 98.9	98.7 98.9	98.7 98.9	98.7 98.9
IV 700 600	95.1 95.2	97.9 98.0	98.3 98.4	98.5 98.7	98.8 99.0	98.9 99.1	99.0 99.2	99.0 99.3	99.1 99.3	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4	99.2 99.4	99.2 99.4	99.2 99.4
IV 500 400	95.2 95.2	98.1 98.2	98.6 98.7	98.9 99.0	99.2 99.4	99.3 99.4	99.4 99.5	99.5 99.7	99.6 99.8	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9
IV 300 200	95.2 95.2	98.2 98.2	98.7 98.7	99.0 99.0	99.4 99.4	99.4 99.4	99.6 99.6	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0
IV 100 0	95.2 95.2	98.2 98.2	98.7 98.7	99.0 99.0	99.4 99.4	99.4 99.4	99.6 99.6	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

2878

USAF ETAC

FORM  
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41.44-72  
YEARS

SEP  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS(IST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	70.7	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7
IV 20000	78.1	79.3	79.3	79.2	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 18000	78.4	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 16000	78.6	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 14000	80.0	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 12000	81.6	83.1	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 10000	83.7	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6
IV 9000	84.2	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0
IV 8000	86.0	87.7	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 7000	86.6	88.3	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 6000	87.3	89.1	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 5000	88.9	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3
IV 4500	89.5	91.3	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9
IV 4000	90.3	92.5	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9
IV 3500	90.6	92.8	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3
IV 3000	91.6	93.8	94.2	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 2500	92.4	94.6	95.2	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 2000	93.0	95.4	95.9	96.1	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 1800	93.2	95.7	96.2	96.4	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8
IV 1500	93.5	96.3	96.9	97.1	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 1200	93.7	96.8	97.3	97.5	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 1000	94.0	97.1	97.7	97.9	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
IV 900	94.1	97.3	97.9	98.2	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 800	94.2	97.5	98.1	98.4	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 700	94.3	97.7	98.3	98.6	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2
IV 600	94.3	97.7	98.4	98.7	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3
IV 500	94.3	97.7	98.5	98.8	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
IV 400	94.2	97.8	98.6	98.9	99.3	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
IV 300	94.3	97.8	98.7	99.0	99.5	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 200	94.3	97.8	98.7	99.0	99.5	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 100	94.3	97.8	98.7	99.0	99.5	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 0	94.3	97.8	98.7	99.0	99.5	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2866



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

29-41,44-72  
YEARS

SEP  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	75.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 20000	79.7	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 18000	79.9	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 16000	80.1	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 14000	81.2	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 12000	82.5	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 10000	84.2	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 9000	84.2	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 8000	86.1	88.1	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 7000	86.4	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 6000	87.2	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 5000	88.5	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 4500	88.8	91.2	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 4000	89.5	92.3	92.4	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 3500	90.1	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 3000	90.6	93.6	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 2500	90.9	94.1	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 2000	91.6	94.9	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 1800	91.8	95.3	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 1500	92.2	96.0	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1200	92.4	96.7	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1000	92.7	97.1	97.5	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 900	92.9	97.3	97.7	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 800	93.0	97.4	97.8	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 700	93.1	97.5	97.9	98.0	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 600	93.2	97.7	98.3	98.4	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 500	93.3	97.8	98.4	98.6	99.0	99.0	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
IV 400	93.3	97.6	98.5	98.6	99.0	99.1	99.3	99.3	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5
IV 300	93.3	98.0	98.7	98.6	99.2	99.3	99.6	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8
IV 200	93.3	98.0	98.7	98.9	99.3	99.3	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9
IV 100	93.3	98.0	98.7	98.9	99.3	99.3	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	93.3	98.0	98.7	98.9	99.3	99.3	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

2868



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-70,72  
YEARS

JCT  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	70.8	73.0	73.3	73.4	73.6	73.6	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.9	73.9
≥ 20000	73.8	76.2	76.5	76.6	76.7	76.7	76.8	76.8	76.8	76.8	76.9	76.9	77.0	77.0	77.1	77.1
IVW 18000	73.8	76.3	76.5	76.7	76.8	76.8	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.1	77.2
IVW 16000	74.3	76.5	76.7	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.3	77.4
IVW 14000	74.5	77.0	77.2	77.4	77.5	77.5	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.8	77.9
IVW 12000	75.4	78.1	78.3	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.9	79.0
IVW 10000	76.5	79.2	79.5	79.7	79.8	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.2	80.2
IVW 9000	76.8	79.5	79.8	80.0	80.1	80.1	80.2	80.2	80.2	80.2	80.3	80.3	80.4	80.4	80.5	80.5
IVW 8000	78.0	81.1	81.4	81.6	81.7	81.7	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.1	82.1
IVW 7000	79.2	82.2	82.6	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.3	83.3
IVW 6000	80.0	83.3	83.6	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.3	84.4
IVW 5000	81.0	84.5	84.9	85.1	85.2	85.2	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.6	85.6
IVW 4500	81.8	85.3	85.6	85.9	86.0	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.4	86.4
IVW 4000	82.5	86.3	86.6	86.9	87.0	87.0	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.4	87.4
IVW 3500	83.1	86.8	87.2	87.5	87.6	87.6	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	88.0	88.1
IVW 3000	84.2	88.1	88.4	88.7	88.8	88.8	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.2	89.3
IVW 2500	84.9	88.9	89.4	89.7	89.8	89.8	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.2	90.3
IVW 2000	86.3	90.2	90.7	91.1	91.2	91.2	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.6	91.7
IVW 1800	86.2	90.4	90.9	91.3	91.4	91.4	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.8	91.9
IVW 1500	86.5	91.1	91.7	92.1	92.2	92.2	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.6	92.7
IVW 1200	87.1	91.8	92.5	92.9	93.1	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.6	93.6
IVW 1000	87.4	92.5	93.2	93.8	94.0	94.0	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.5	94.6
IVW 900	87.5	92.7	93.4	94.0	94.2	94.2	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.7	94.8
IVW 800	87.9	93.3	94.3	94.9	95.1	95.1	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.7	95.8
IVW 700	88.2	93.7	94.7	95.3	95.6	95.6	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.1	96.2
IVW 600	88.4	94.1	95.2	95.8	96.1	96.1	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.7	96.8
IVW 500	88.6	94.9	96.0	96.8	97.2	97.2	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.8	97.9
IVW 400	88.6	95.0	96.1	96.9	97.4	97.4	97.8	97.8	97.8	97.8	97.9	98.0	98.0	98.0	98.1	98.2
IVW 300	88.7	95.3	96.5	97.3	97.8	97.8	98.3	98.4	98.4	98.5	98.6	98.6	98.7	98.7	98.8	98.9
IVW 200	88.7	95.3	96.6	97.4	98.0	98.1	98.6	98.9	99.0	99.2	99.3	99.3	99.3	99.3	99.4	99.5
IVW 100	88.7	95.3	96.6	97.4	98.1	98.1	98.6	99.0	99.1	99.4	99.5	99.5	99.7	99.7	99.9	99.9
IVW 0	88.7	95.3	96.6	97.4	98.1	98.1	98.6	99.0	99.1	99.4	99.5	99.5	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2881

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41, 44-70, 72  
YEARS

OCT  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING	65.6	68.4	68.8	69.1	69.4	69.5	69.6	69.6	69.6	69.8	70.0	70.0	70.1	70.1	70.5
≥ 2000	68.3	71.3	71.8	72.1	72.4	72.4	72.6	72.6	72.7	72.9	73.1	73.1	73.2	73.2	73.6
IV 18000	68.3	71.3	71.8	72.1	72.4	72.4	72.6	72.6	72.7	72.9	73.1	73.1	73.2	73.2	73.6
IV 16000	68.4	71.5	72.0	72.3	72.6	72.6	72.8	72.8	72.9	73.1	73.3	73.3	73.4	73.4	73.8
IV 14000	69.2	72.4	72.9	73.2	73.4	73.5	73.7	73.7	73.8	74.0	74.2	74.2	74.3	74.3	74.7
IV 12000	70.0	73.4	73.9	74.2	74.5	74.6	74.7	74.7	74.8	75.0	75.2	75.2	75.4	75.4	75.7
IV 10000	71.0	74.6	75.1	75.4	75.6	75.7	75.8	75.9	75.9	76.2	76.4	76.4	76.5	76.5	76.9
IV 9000	71.7	75.5	76.0	76.3	76.5	76.6	76.7	76.8	76.8	77.1	77.3	77.3	77.4	77.4	77.8
IV 8000	72.5	76.3	76.8	77.1	77.4	77.5	77.7	77.7	77.8	78.0	78.2	78.2	78.4	78.4	78.8
IV 7000	73.7	77.7	78.2	78.5	78.8	78.9	79.1	79.1	79.2	79.4	79.6	79.6	79.8	79.8	80.1
IV 6000	74.4	78.5	79.0	79.3	79.7	79.8	79.9	80.0	80.0	80.3	80.5	80.5	80.6	80.6	81.0
IV 5000	76.2	80.6	81.1	81.4	81.8	81.8	82.1	82.1	82.2	82.4	82.6	82.6	82.7	82.7	83.1
IV 4500	76.3	81.3	81.8	82.2	82.6	82.7	82.9	82.9	83.0	83.2	83.4	83.4	83.6	83.6	84.0
IV 4000	77.6	82.5	83.2	83.5	84.0	84.1	84.3	84.3	84.4	84.6	84.8	84.8	85.0	85.0	85.4
IV 3500	78.1	83.1	83.8	84.1	84.7	84.7	84.9	85.0	85.0	85.3	85.5	85.5	85.6	85.6	86.0
IV 3000	78.9	84.1	84.9	85.2	85.7	85.8	86.0	86.0	86.1	86.4	86.5	86.5	86.7	86.7	87.1
IV 2500	79.6	85.0	85.7	86.0	86.6	86.6	86.8	86.9	87.0	87.2	87.4	87.4	87.6	87.6	88.0
IV 2000	81.1	86.7	87.6	87.9	88.4	88.5	88.8	88.8	88.9	89.1	89.3	89.3	89.5	89.5	89.9
IV 1800	81.4	87.1	88.0	88.3	88.9	88.9	89.2	89.2	89.3	89.6	89.7	89.7	89.9	89.9	90.3
IV 1500	82.1	88.3	89.1	89.5	90.1	90.2	90.5	90.6	90.6	90.9	91.0	91.0	91.2	91.2	91.6
IV 1200	82.5	88.8	89.7	90.1	90.7	90.8	91.0	91.1	91.2	91.5	91.6	91.6	91.8	91.8	92.2
IV 1000	82.9	89.8	90.8	91.3	91.9	92.0	92.3	92.4	92.5	92.7	92.9	92.9	93.1	93.1	93.4
IV 900	83.3	90.4	91.5	91.9	92.5	92.6	92.9	93.0	93.1	93.3	93.5	93.5	93.7	93.7	94.1
IV 800	83.7	91.0	92.2	92.7	93.4	93.5	93.9	94.0	94.1	94.3	94.5	94.5	94.7	94.7	95.1
IV 700	83.9	91.5	92.7	93.2	93.9	94.0	94.4	94.5	94.6	94.9	95.0	95.0	95.2	95.2	95.6
IV 600	84.1	92.0	93.3	93.8	94.6	94.7	95.0	95.1	95.2	95.5	95.7	95.7	95.8	95.8	96.2
IV 500	84.4	92.6	93.9	94.4	95.3	95.5	95.9	96.0	96.1	96.4	96.5	96.5	96.7	96.7	97.1
IV 400	84.4	92.9	94.3	94.9	95.8	96.0	96.5	96.6	96.8	97.1	97.3	97.3	97.4	97.4	97.8
IV 300	84.4	93.1	94.6	95.3	96.4	96.6	97.1	97.3	97.5	97.8	98.0	98.0	98.1	98.1	98.5
IV 200	84.4	93.1	94.7	95.4	96.7	96.9	97.5	97.8	98.0	98.4	98.5	98.5	98.7	98.7	99.1
IV 100	84.4	93.1	94.8	95.6	96.9	97.1	97.7	98.1	98.3	98.7	98.9	98.9	99.1	99.1	99.7
IV 0	84.4	93.1	94.8	95.6	97.0	97.2	97.8	98.1	98.3	98.8	98.9	99.0	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 2881

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/14C

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-70,72  
YEARS

OCT  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	58.1	61.6	62.2	62.7	63.1	63.1	63.1	63.1	63.2	63.2	63.3	63.3	63.5	63.5	63.6	63.9
IV 20000	62.1	66.0	66.3	67.4	67.7	67.7	67.8	67.8	67.8	67.9	68.0	68.0	68.1	68.1	68.2	68.6
IV 18000	62.1	66.0	66.8	67.4	67.7	67.7	67.8	67.8	67.9	68.0	68.0	68.0	68.2	68.2	68.3	68.7
IV 16000	62.2	66.2	67.0	67.6	67.9	67.9	68.0	68.0	68.0	68.1	68.2	68.2	68.3	68.3	68.4	68.8
IV 14000	62.8	66.8	67.6	68.2	68.5	68.5	68.6	68.6	68.6	68.7	68.8	68.8	68.9	68.9	69.0	69.4
IV 12000	64.1	68.2	69.1	69.7	70.0	70.0	70.1	70.1	70.1	70.2	70.3	70.3	70.5	70.5	70.6	70.9
IV 10000	66.0	70.2	71.0	71.6	72.0	72.0	72.1	72.1	72.1	72.2	72.3	72.3	72.5	72.5	72.6	73.0
IV 9000	67.0	71.3	72.2	72.8	73.2	73.2	73.3	73.3	73.3	73.4	73.5	73.5	73.7	73.7	73.8	74.2
IV 8000	68.4	72.7	73.7	74.3	74.6	74.6	74.7	74.7	74.7	74.9	74.9	74.9	75.1	75.1	75.3	75.6
IV 7000	69.7	74.2	75.1	75.7	76.1	76.1	76.2	76.2	76.2	76.3	76.4	76.4	76.6	76.6	76.7	77.1
IV 6000	70.2	74.9	75.9	76.5	76.9	76.9	77.0	77.0	77.0	77.1	77.2	77.2	77.4	77.4	77.5	77.9
IV 5000	71.6	76.8	77.8	78.4	78.8	78.8	78.9	78.9	78.9	79.0	79.1	79.1	79.3	79.3	79.4	79.8
IV 4500	72.0	77.3	78.3	79.0	79.4	79.4	79.5	79.5	79.6	79.7	79.7	79.7	79.9	79.9	80.0	80.4
IV 4000	73.1	78.8	79.8	80.5	80.9	80.9	81.0	81.0	81.1	81.2	81.2	81.2	81.4	81.4	81.5	81.9
IV 3500	73.8	79.6	80.6	81.3	81.7	81.7	81.9	81.9	81.9	82.0	82.1	82.1	82.2	82.2	82.4	82.8
IV 3000	74.7	80.7	81.8	82.4	82.8	82.8	83.0	83.0	83.0	83.1	83.2	83.2	83.4	83.4	83.5	83.9
IV 2500	75.9	82.1	83.1	83.9	84.3	84.3	84.4	84.4	84.5	84.6	84.6	84.8	84.8	84.8	84.9	85.3
IV 2000	77.0	83.4	84.6	85.2	85.7	85.7	86.0	86.0	86.0	86.1	86.2	86.2	86.4	86.4	86.5	86.9
IV 1800	77.1	83.7	84.8	85.6	86.0	86.0	86.3	86.3	86.3	86.4	86.5	86.5	86.7	86.7	86.8	87.2
IV 1500	78.2	85.0	86.2	87.0	87.5	87.5	87.8	87.8	87.8	87.9	88.0	88.0	88.2	88.2	88.3	88.7
IV 1200	78.7	85.9	87.1	87.9	88.4	88.4	88.7	88.8	88.8	88.9	89.0	89.0	89.2	89.2	89.3	89.7
IV 1000	79.5	87.1	88.4	89.2	89.8	89.8	90.2	90.3	90.3	90.4	90.5	90.5	90.6	90.6	90.8	91.2
IV 900	79.8	87.7	89.0	90.0	90.5	90.5	90.9	91.0	91.0	91.1	91.2	91.2	91.3	91.3	91.5	91.9
IV 800	80.2	88.5	89.8	90.8	91.3	91.4	91.8	91.8	92.0	92.1	92.1	92.1	92.3	92.3	92.5	92.8
IV 700	80.4	89.0	90.3	91.3	91.9	92.0	92.4	92.5	92.6	92.7	92.7	92.7	92.9	92.9	93.0	93.4
IV 600	80.7	89.9	91.4	92.6	93.2	93.4	93.9	94.0	94.0	94.1	94.2	94.2	94.4	94.4	94.5	94.9
IV 500	80.9	90.3	92.0	93.2	94.2	94.3	94.9	95.0	95.0	95.1	95.2	95.2	95.3	95.3	95.5	95.9
IV 400	81.0	90.8	92.6	94.0	95.0	95.2	95.8	96.0	96.1	96.2	96.3	96.3	96.5	96.5	96.7	97.1
IV 300	81.1	91.0	93.0	94.4	95.7	95.9	96.7	97.0	97.3	97.5	97.6	97.6	97.8	97.8	98.0	98.4
IV 200	81.1	91.0	93.1	94.5	95.9	96.1	96.9	97.4	97.7	98.0	98.1	98.1	98.4	98.4	98.6	99.1
IV 100	81.1	91.0	93.1	94.5	95.9	96.1	97.0	97.4	97.7	98.1	98.2	98.2	98.5	98.5	98.9	99.4
IV 0	81.1	91.0	93.1	94.5	95.9	96.1	97.0	97.5	97.8	98.1	98.2	98.2	98.5	98.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2877

DATA PROCESSING SECTION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

18545  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-70,72  
YEARS

OCT  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	59.4	61.3	61.4	61.6	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 20000	65.3	67.5	67.6	67.8	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 18000	65.3	67.5	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2
IV 16000	65.3	67.8	67.9	68.1	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 14000	66.3	68.5	68.6	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.1
IV 12000	68.6	70.9	71.0	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.4
IV 10000	70.3	72.7	72.8	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 9000	70.9	73.4	73.6	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0
IV 8000	72.3	74.6	74.8	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 7000	72.3	75.5	75.7	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 6000	73.8	76.5	76.7	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 5000	75.2	78.1	78.3	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 4500	75.6	78.7	79.0	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5
IV 4000	76.5	79.6	79.9	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4
IV 3500	77.2	80.4	80.7	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2
IV 3000	78.4	81.8	82.1	82.4	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7
IV 2500	79.9	83.2	83.6	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2
IV 2000	81.1	85.1	85.5	85.8	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2
IV 1800	82.1	85.9	86.4	86.7	86.8	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 1500	83.6	87.6	88.2	88.5	88.7	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0
IV 1200	85.4	90.0	90.6	90.9	91.1	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 1000	86.6	91.6	92.1	92.5	92.7	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0
IV 900	87.0	92.1	92.7	93.1	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6
IV 800	87.5	92.8	93.5	93.9	94.2	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5
IV 700	87.6	93.3	94.1	94.5	94.9	95.0	95.1	95.2	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4
IV 600	88.0	93.7	94.7	95.2	95.6	95.6	95.9	95.9	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2
IV 500	88.1	94.1	95.2	95.7	96.2	96.5	96.7	96.8	96.8	97.0	97.0	97.0	97.1	97.1	97.1	97.1
IV 400	88.2	94.3	95.8	96.1	96.9	97.2	97.6	97.7	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1
IV 300	88.3	94.4	95.8	96.4	97.3	97.7	98.2	98.4	98.4	98.7	98.7	98.7	98.9	99.0	99.0	99.0
IV 200	88.3	94.4	95.8	96.4	97.4	97.9	98.4	98.7	98.8	99.1	99.2	99.3	99.5	99.7	99.7	99.8
IV 100	88.3	94.4	95.8	96.4	97.4	97.9	98.4	98.7	98.8	99.2	99.3	99.3	99.5	99.8	99.8	99.9
IV 0	88.3	94.4	95.8	96.4	97.4	97.9	98.4	98.7	98.8	99.2	99.3	99.3	99.5	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2879



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-70,72  
YEARS

JCT  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60.2	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 200	68.1	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
IV 18000	68.3	69.2	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 16000	68.5	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 14000	69.4	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
IV 12000	71.2	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 10000	72.8	73.7	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 9000	73.4	74.4	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 8000	74.9	76.3	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 7000	75.5	76.6	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 6000	76.7	77.9	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 5000	77.9	79.1	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 4500	78.0	79.9	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 4000	80.2	81.5	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 3500	80.9	82.3	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 3000	83.5	85.0	85.2	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 2500	86.3	87.0	88.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 2000	88.4	90.0	90.4	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 1800	88.9	90.5	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 1500	90.1	91.9	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 1200	91.2	93.2	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2
IV 1000	91.8	94.0	94.6	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2
IV 900	92.1	94.7	95.3	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 800	92.6	95.4	96.2	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9
IV 700	92.7	95.6	96.4	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
IV 600	92.9	95.9	96.8	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
IV 500	93.0	96.2	97.2	97.9	98.2	98.2	98.2	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
IV 400	93.0	96.2	97.4	98.2	98.6	98.7	99.0	99.0	99.0	99.1	99.2	99.3	99.3	99.3	99.4	99.4
IV 300	93.1	96.4	97.6	98.4	98.8	98.9	99.2	99.4	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8
IV 200	93.1	96.4	97.6	98.4	98.8	98.9	99.2	99.5	99.5	99.5	99.8	99.8	99.9	100.0	100.0	100.0
IV 100	93.1	96.4	97.6	98.4	98.8	98.9	99.2	99.5	99.5	99.5	99.8	99.8	99.9	100.0	100.0	100.0
IV 0	93.1	96.4	97.6	98.4	98.8	98.9	99.2	99.5	99.5	99.5	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2871



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945 FORT SILL OKLAHOMA/POST FLD

39-41,44-70,72

JCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	64.5	65.6	65.7	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 20000	72.3	73.7	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 18000	72.6	73.9	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 16000	72.9	74.2	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 14000	73.6	74.8	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 12000	76.1	77.4	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 10000	77.3	79.0	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 9000	78.1	80.0	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 8000	79.6	81.0	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 7000	80.6	82.2	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 6000	82.0	83.5	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 5000	83.4	84.9	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 4500	84.0	85.5	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 4000	85.4	87.1	87.4	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 3500	86.2	88.2	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 3000	88.0	90.0	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 2500	89.2	91.2	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 2000	90.7	92.9	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 1800	91.3	93.3	93.7	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 1500	92.3	94.3	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 1200	92.6	95.1	95.5	95.7	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 1000	92.6	95.5	96.0	96.2	96.5	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 900	92.9	95.9	96.4	96.7	96.9	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 800	93.2	96.4	97.0	97.2	97.5	97.5	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 700	93.3	96.5	97.1	97.4	97.7	97.7	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 600	93.4	96.6	97.3	97.6	97.9	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4
IV 500	93.4	96.9	97.5	97.9	98.3	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1
IV 400	93.4	97.0	97.7	98.0	98.5	98.6	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5
IV 300	93.4	97.0	97.7	98.1	98.5	98.7	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8
IV 200	93.4	97.0	97.7	98.1	98.6	98.7	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 100	93.4	97.0	97.7	98.1	98.6	98.7	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0
IV 0	93.4	97.0	97.7	98.1	98.6	98.7	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2877

USAF ETAC FORM 0-14-5(OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

F. H. SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

OCT  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS(UT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	70.7	71.4	71.5	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 20000	75.2	77.2	77.3	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
WV 18000	75.4	77.4	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
WV 16000	75.6	77.7	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
WV 14000	76.2	78.3	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
WV 12000	78.6	80.7	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
WV 10000	80.4	82.5	82.6	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
WV 9000	81.1	83.2	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
WV 8000	81.7	83.9	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
WV 7000	82.5	84.8	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
WV 6000	83.6	86.1	86.2	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
WV 5000	84.5	87.3	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
WV 4500	85.3	87.7	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
WV 4000	85.4	89.2	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
WV 3500	86.3	89.9	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
WV 3000	88.1	91.2	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
WV 2500	89.1	92.3	92.6	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
WV 2000	90.1	93.4	93.8	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
WV 1800	91.2	93.5	93.8	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
WV 1500	90.8	94.3	94.7	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
WV 1200	91.0	95.0	95.4	95.7	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
WV 1000	91.0	95.5	95.9	96.2	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
WV 900	91.6	95.7	96.0	96.4	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
WV 800	91.8	96.0	96.4	96.7	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
WV 700	92.3	96.5	96.9	97.3	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
WV 600	92.2	96.8	97.2	97.6	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
WV 500	92.4	97.1	97.5	97.9	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
WV 400	92.4	97.2	97.7	98.2	98.9	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
WV 300	92.4	97.2	97.8	98.3	99.0	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
WV 200	92.4	97.2	97.9	98.4	99.1	99.2	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9
WV 100	92.4	97.2	97.9	98.4	99.1	99.2	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9
WV 0	92.4	97.2	97.9	98.4	99.1	99.2	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2878

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

OCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	73.0	74.7	74.8	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1
≥ 20000	76.1	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4
WV 18000	76.3	78.3	78.4	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
16000	76.3	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7
WV 14000	77.0	79.0	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4
12000	78.8	80.9	81.0	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
WV 10000	80.1	82.4	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8
9000	80.4	82.7	82.8	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
WV 8000	81.5	84.3	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
7000	82.5	85.2	85.3	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
WV 6000	83.4	86.4	86.5	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
5000	84.4	87.2	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1
WV 4500	85.5	88.3	88.5	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
4000	86.4	89.9	90.1	90.2	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5
WV 3500	87.1	90.6	90.9	91.0	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3
3000	87.7	91.2	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9
WV 2500	88.7	92.3	92.6	92.7	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0
2000	89.3	92.9	93.4	93.5	93.6	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
WV 1800	89.4	93.0	93.5	93.6	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0
1500	89.7	93.3	93.9	94.0	94.2	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
WV 1200	90.2	94.1	94.7	94.9	95.1	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4
1000	90.4	94.6	95.2	95.4	95.7	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
WV 900	90.6	94.8	95.4	95.6	95.9	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
800	90.8	95.3	96.0	96.3	96.5	96.5	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
WV 700	91.0	95.5	96.3	96.6	96.8	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
600	91.2	95.9	96.7	97.1	97.4	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
WV 500	91.4	96.3	97.1	97.5	98.0	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
400	91.4	96.5	97.3	97.8	98.3	98.3	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8
WV 300	91.5	96.6	97.5	98.0	98.6	98.6	98.8	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
200	91.5	96.7	97.6	98.1	98.8	98.9	99.0	99.3	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8
WV 100	91.5	96.7	97.6	98.1	98.8	98.9	99.0	99.3	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9
0	91.5	96.7	97.6	98.1	98.8	98.9	99.0	99.3	99.4	99.7	99.7	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2882

USAF ETAC FORM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

NOV  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	68.8	70.5	71.1	71.4	71.5	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.8	71.9
≥ 20000	73.1	74.9	75.5	75.8	75.9	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.2	76.3
IV 18000	73.1	74.9	75.5	75.8	75.9	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.2	76.3
IV 16000	73.2	75.0	75.6	75.9	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.2	76.2	76.4
IV 14000	73.8	75.7	76.3	76.6	76.7	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	77.0	77.1
IV 12000	74.8	76.8	77.5	77.7	77.8	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.1	78.1	78.2
IV 10000	75.7	77.8	78.4	78.7	78.8	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.1	79.1	79.2	79.3
IV 9000	76.0	78.2	78.8	79.1	79.2	79.2	79.2	79.3	79.3	79.4	79.4	79.4	79.5	79.5	79.6	79.7
IV 8000	77.0	79.3	80.0	80.3	80.4	80.4	80.4	80.5	80.5	80.6	80.6	80.6	80.7	80.7	80.7	80.9
IV 7000	77.8	80.2	80.8	81.2	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.5	81.6	81.6	81.8
IV 6000	78.6	81.1	81.8	82.1	82.2	82.2	82.2	82.3	82.3	82.4	82.4	82.4	82.5	82.5	82.6	82.7
IV 5000	79.5	82.1	82.7	83.0	83.2	83.2	83.2	83.3	83.3	83.4	83.4	83.4	83.5	83.5	83.5	83.7
IV 4500	80.0	82.6	83.2	83.5	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.9	84.0	84.0	84.2
IV 4000	81.1	83.9	84.6	84.9	85.0	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.3	85.3	85.4	85.5
IV 3500	81.4	84.4	85.1	85.4	85.6	85.6	85.6	85.7	85.7	85.8	85.8	85.8	85.9	85.9	85.9	86.1
IV 3000	82.2	85.2	86.0	86.4	86.5	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.8	86.8	86.9	87.0
IV 2500	82.9	86.3	87.1	87.5	87.6	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.9	88.0	88.0	88.1
IV 2000	84.1	87.9	88.8	89.2	89.4	89.4	89.4	89.5	89.5	89.6	89.6	89.6	89.7	89.7	89.8	89.9
IV 1800	84.3	88.4	89.4	89.7	89.9	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.2	90.3	90.3	90.4
IV 1500	85.2	89.8	90.8	91.1	91.4	91.4	91.4	91.5	91.5	91.6	91.6	91.6	91.7	91.7	91.8	91.9
IV 1200	86.1	90.7	91.7	92.1	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.7	92.7	92.7	92.9
IV 1000	86.5	91.6	92.7	93.2	93.5	93.5	93.6	93.7	93.7	93.8	93.8	93.8	93.9	94.0	94.0	94.1
IV 900	86.7	91.9	93.1	93.5	93.8	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.3	94.3	94.3	94.5
IV 800	86.9	92.6	93.8	94.3	94.6	94.6	94.7	94.8	94.8	94.9	94.9	94.9	95.1	95.1	95.2	95.3
IV 700	87.0	93.0	94.2	94.8	95.2	95.3	95.4	95.5	95.5	95.6	95.6	95.6	95.8	95.8	95.8	96.0
IV 600	87.0	93.6	94.9	95.5	96.0	96.0	96.2	96.3	96.3	96.4	96.4	96.4	96.6	96.6	96.7	96.8
IV 500	87.1	93.8	95.2	95.8	96.4	96.4	96.5	96.7	96.7	96.8	96.8	96.8	97.0	97.0	97.0	97.2
IV 400	87.1	94.0	95.3	96.1	96.8	96.9	97.1	97.2	97.2	97.4	97.4	97.4	97.6	97.6	97.6	97.8
IV 300	87.1	94.1	95.5	96.3	97.2	97.2	97.5	97.7	97.7	98.0	98.1	98.1	98.3	98.4	98.4	98.5
IV 200	87.1	94.1	95.5	96.3	97.6	97.6	98.0	98.2	98.3	98.8	98.8	98.9	99.2	99.2	99.2	99.4
IV 100	87.1	94.1	95.5	96.3	97.6	97.7	98.1	98.3	98.3	99.0	99.1	99.1	99.3	99.4	99.4	99.6
IV 0	87.1	94.1	95.5	96.3	97.6	97.7	98.1	98.3	98.3	99.0	99.1	99.1	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2866

DATA PROCESSING  
USAF ETAC  
AIR WEATHER SERVICE/MTC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT STILL OKLAHOMA/POST FLD  
STATION NAME

39-41, 44-72  
YEARS

NOV  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	66.1	67.8	68.2	68.7	69.1	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.6	69.7	69.7	70.1
IV 20000	70.3	72.3	72.4	72.9	73.3	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.8	73.9	73.9	74.3
IV 18000	70.3	72.3	72.4	72.9	73.3	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.8	73.9	73.9	74.3
IV 16000	70.4	72.1	72.5	73.3	73.4	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.9	74.0	74.0	74.4
IV 14000	70.8	72.5	73.0	73.4	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.4	74.4	74.5	74.8
IV 12000	71.6	73.4	73.9	74.4	74.8	74.8	75.0	75.0	75.0	75.1	75.1	75.1	75.3	75.3	75.4	75.7
IV 10000	72.5	74.4	74.8	75.3	75.7	75.7	75.9	76.0	76.0	76.0	76.1	76.1	76.3	76.3	76.4	76.8
IV 9000	73.4	75.1	75.4	75.9	76.3	76.4	76.6	76.6	76.6	76.7	76.7	76.7	76.9	77.0	77.0	77.4
IV 8000	74.0	76.3	76.4	76.9	77.3	77.4	77.5	77.6	77.6	77.6	77.7	77.7	77.9	77.9	78.0	78.4
IV 7000	74.0	76.3	77.2	77.7	78.2	78.2	78.4	78.4	78.4	78.5	78.5	78.5	78.7	78.8	78.9	79.2
IV 6000	75.1	77.5	77.9	78.5	78.9	79.0	79.1	79.2	79.2	79.3	79.3	79.3	79.5	79.5	79.6	80.0
IV 5000	75.1	76.3	79.1	79.7	80.1	80.2	80.3	80.4	80.5	80.5	80.5	80.5	80.8	80.8	80.9	81.2
IV 4500	77.1	79.7	80.2	80.8	81.2	81.3	81.4	81.5	81.5	81.6	81.6	81.6	81.8	81.9	82.0	82.3
IV 4000	77.6	80.6	81.1	81.7	82.1	82.2	82.3	82.4	82.4	82.5	82.5	82.5	82.8	82.8	82.9	83.2
IV 3500	78.1	81.2	81.6	82.2	82.6	82.7	82.9	83.0	83.0	83.0	83.1	83.1	83.3	83.3	83.4	83.8
IV 3000	79.7	82.7	82.5	83.1	83.5	83.6	83.7	83.8	83.8	83.9	83.9	83.9	84.1	84.2	84.3	84.6
IV 2500	79.4	83.0	83.6	84.2	84.6	84.7	84.8	84.9	84.9	85.0	85.0	85.0	85.3	85.3	85.4	85.7
IV 2000	81.5	84.5	85.2	85.8	86.2	86.3	86.5	86.6	86.6	86.7	86.7	86.7	86.9	87.0	87.0	87.4
IV 1800	80.9	85.0	85.6	86.2	86.7	86.8	87.0	87.0	87.1	87.1	87.1	87.1	87.4	87.4	87.5	87.8
IV 1500	82.0	86.5	87.2	87.9	88.4	88.4	88.6	88.7	88.7	88.8	88.8	88.8	89.1	89.1	89.2	89.5
IV 1200	83.3	88.2	88.9	89.5	90.0	90.1	90.3	90.4	90.4	90.5	90.5	90.5	90.7	90.8	90.8	91.2
IV 1000	83.9	89.2	89.9	90.7	91.3	91.4	91.6	91.7	91.7	91.7	91.8	91.8	92.0	92.1	92.1	92.5
IV 900	84.1	89.5	90.4	91.3	91.8	91.9	92.1	92.2	92.2	92.3	92.3	92.3	92.5	92.6	92.6	93.0
IV 800	84.3	89.1	91.1	92.0	92.6	92.7	93.0	93.1	93.1	93.1	93.2	93.2	93.4	93.4	93.5	93.9
IV 700	84.4	90.7	91.8	92.8	93.5	93.6	93.9	93.9	94.0	94.0	94.0	94.0	94.3	94.3	94.4	94.7
IV 600	84.7	91.5	92.7	93.6	94.5	94.5	94.8	94.9	94.9	95.0	95.0	95.0	95.3	95.3	95.4	95.7
IV 500	84.8	92.0	93.3	94.4	95.3	95.3	95.6	95.7	95.7	95.8	95.8	95.8	96.1	96.1	96.2	96.5
IV 400	84.9	92.2	93.5	94.6	95.6	95.7	96.0	96.1	96.2	96.2	96.2	96.2	96.5	96.5	96.6	96.9
IV 300	84.9	92.4	93.9	95.1	96.2	96.3	96.7	96.9	97.0	97.1	97.1	97.1	97.4	97.4	97.5	97.8
IV 200	84.9	92.5	94.0	95.2	96.5	96.6	97.2	97.4	97.5	97.8	97.8	97.9	98.2	98.2	98.3	98.6
IV 100	84.9	92.5	94.0	95.2	96.5	96.6	97.2	97.5	97.6	97.9	98.0	98.0	98.4	98.5	98.6	99.0
IV 0	84.9	92.5	94.0	95.3	96.5	96.6	97.2	97.5	97.6	98.0	98.1	98.1	98.5	98.6	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS

2870

USAF ETAC

FORM  
JUL 64

0-14-5(OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING CENTER  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

NDV  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	58.1	60.5	61.1	61.7	62.0	62.0	62.2	62.2	62.3	62.5	62.7	62.7	63.0	63.1	63.1	63.5
≥ 20000	64.1	67.0	67.6	68.3	68.7	68.7	68.9	69.0	69.1	69.3	69.5	69.5	69.8	69.9	69.9	70.3
≥ 18000	64.2	67.1	67.7	68.5	68.8	68.8	69.1	69.2	69.2	69.4	69.6	69.6	70.0	70.1	70.1	70.5
≥ 16000	64.4	67.3	67.9	68.6	69.0	69.0	69.2	69.3	69.4	69.6	69.8	69.8	70.1	70.2	70.2	70.6
≥ 14000	64.7	67.6	68.2	68.9	69.3	69.3	69.5	69.6	69.7	69.9	70.1	70.1	70.4	70.5	70.5	70.9
≥ 12000	65.1	69.1	69.7	70.5	70.9	70.9	71.1	71.2	71.2	71.5	71.7	71.7	72.0	72.1	72.1	72.5
≥ 10000	68.0	71.1	71.6	72.4	72.8	72.8	73.0	73.1	73.2	73.4	73.6	73.6	73.9	74.0	74.1	74.5
≥ 9000	68.5	71.5	72.1	72.9	73.3	73.3	73.6	73.6	73.7	73.9	74.1	74.1	74.4	74.5	74.6	75.0
≥ 8000	69.5	72.6	73.2	74.0	74.4	74.4	74.7	74.7	74.8	75.0	75.2	75.2	75.5	75.6	75.8	76.1
≥ 7000	70.6	73.8	74.5	75.3	75.7	75.7	75.9	76.0	76.1	76.3	76.5	76.5	76.8	76.9	77.0	77.4
≥ 6000	71.3	74.4	75.1	76.0	76.4	76.4	76.6	76.7	76.8	77.0	77.2	77.2	77.5	77.6	77.7	78.1
≥ 5000	71.8	75.5	76.3	77.2	77.6	77.6	77.8	77.9	77.9	78.2	78.4	78.4	78.7	78.8	78.9	79.3
≥ 4500	72.1	76.1	76.8	77.7	78.1	78.1	78.3	78.4	78.5	78.7	78.9	78.9	79.2	79.3	79.4	79.8
≥ 4000	72.8	77.1	77.7	78.6	79.0	79.0	79.2	79.3	79.4	79.6	79.8	79.8	80.1	80.2	80.3	80.7
≥ 3500	73.2	77.4	78.2	79.1	79.4	79.4	79.7	79.8	79.8	80.0	80.3	80.3	80.6	80.7	80.8	81.2
≥ 3000	74.1	78.4	79.2	80.1	80.6	80.6	80.8	80.9	81.0	81.2	81.4	81.4	81.7	81.8	81.9	82.3
≥ 2500	75.2	79.7	80.6	81.5	81.9	81.9	82.2	82.2	82.3	82.5	82.7	82.7	83.0	83.1	83.3	83.6
≥ 2000	76.2	81.1	82.0	82.9	83.4	83.4	83.6	83.7	83.8	84.0	84.2	84.2	84.5	84.6	84.7	85.1
≥ 1800	76.7	81.7	82.8	83.7	84.1	84.2	84.4	84.5	84.5	84.8	85.0	85.0	85.3	85.4	85.5	85.9
≥ 1500	77.6	82.8	83.8	84.8	85.2	85.2	85.5	85.6	85.6	85.8	86.0	86.0	86.4	86.5	86.6	87.0
≥ 1200	78.5	84.1	85.3	86.2	86.7	86.8	87.0	87.1	87.2	87.4	87.6	87.6	87.9	88.0	88.1	88.5
≥ 1000	79.2	85.3	86.5	87.6	88.4	88.5	88.7	88.8	88.8	89.0	89.2	89.3	89.6	89.7	89.8	90.2
≥ 900	79.5	85.5	86.8	88.0	88.8	88.8	89.1	89.2	89.3	89.5	89.7	89.7	90.0	90.1	90.2	90.6
≥ 800	79.9	86.3	87.6	88.9	89.7	89.7	90.1	90.2	90.3	90.5	90.7	90.7	91.0	91.1	91.2	91.6
≥ 700	80.1	86.9	88.4	89.8	90.7	90.7	91.1	91.2	91.3	91.5	91.7	91.7	92.0	92.1	92.2	92.6
≥ 600	80.4	87.6	89.1	90.6	91.7	91.7	92.1	92.2	92.3	92.5	92.7	92.7	93.1	93.2	93.3	93.6
≥ 500	80.6	88.0	89.7	91.4	92.6	92.6	93.0	93.2	93.2	93.5	93.8	93.8	94.1	94.2	94.3	94.7
≥ 400	80.7	88.2	90.0	91.9	93.3	93.4	93.9	94.1	94.2	94.6	94.9	94.9	95.3	95.4	95.5	95.9
≥ 300	80.7	88.3	90.4	92.3	94.0	94.2	94.6	95.0	95.1	95.5	95.8	95.8	96.2	96.3	96.5	97.0
≥ 200	80.8	88.4	90.5	92.4	94.3	94.5	95.0	95.4	95.5	96.1	96.5	96.5	97.1	97.2	97.5	97.9
≥ 100	80.8	88.4	90.6	92.4	94.3	94.5	95.0	95.5	95.6	96.4	96.9	96.9	97.6	97.7	98.1	98.8
≥ 0	80.8	88.4	90.6	92.4	94.4	94.5	95.1	95.6	95.7	96.5	97.0	97.0	97.7	97.8	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2866

USAF ETAC FORM 0-14-5(OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEAR

13V  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILE:)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	54.1	57.7	58.0	58.1	58.3	58.3	58.3	58.3	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5
18000	55.1	67.2	67.6	67.8	68.0	68.0	68.1	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3
16000	55.6	67.7	68.1	68.3	68.5	68.5	68.6	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8
14000	56.3	68.4	68.8	69.0	69.2	69.2	69.3	69.3	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5
12000	68.1	70.2	70.5	70.8	71.0	71.0	71.1	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3
10000	70.2	72.5	72.9	73.1	73.3	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.6	73.6
9000	70.8	73.1	73.5	73.7	73.9	73.9	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.2	74.2
8000	71.8	74.2	74.7	74.9	75.1	75.1	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.4	75.4
7000	72.7	75.2	75.7	76.1	76.2	76.2	76.3	76.3	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5
6000	73.2	75.8	76.3	76.6	76.8	76.8	76.9	76.9	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1
5000	73.7	76.4	77.0	77.4	77.5	77.5	77.6	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.9	77.9
4500	74.2	76.9	77.5	77.9	78.1	78.1	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.4	78.4
4000	75.1	77.8	78.4	78.8	79.0	79.0	79.1	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.4	79.4
3500	75.6	78.5	79.1	79.5	79.7	79.7	79.8	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.1
3000	76.3	79.0	80.4	80.8	81.0	81.0	81.1	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.4
2500	77.9	81.0	81.6	82.1	82.3	82.3	82.4	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.7
2000	79.0	82.3	83.1	83.6	83.8	83.9	84.0	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.3
1800	79.5	82.9	83.6	84.2	84.4	84.5	84.6	84.6	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.9
1500	81.1	84.3	85.7	86.2	86.5	86.6	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.9	86.9
1200	81.2	86.1	87.0	87.6	88.0	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.4
1000	82.9	87.5	88.3	89.4	89.7	89.8	89.9	89.9	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.3
900	83.1	88.3	89.6	90.3	90.7	90.8	90.9	90.9	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2
800	83.5	89.1	90.6	91.4	91.9	92.0	92.1	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.4	92.4
700	83.6	89.7	91.4	92.2	92.8	92.9	93.1	93.1	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.5
600	83.7	90.1	91.9	92.9	93.7	93.8	94.0	94.1	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4
500	83.8	90.5	92.5	93.6	94.6	94.8	95.2	95.4	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.8
400	84.0	91.0	93.1	94.4	95.7	96.1	96.7	97.1	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.7
300	84.0	91.1	93.3	94.7	96.1	96.5	97.2	97.7	97.8	98.4	98.5	98.5	98.6	98.6	98.6	98.7
200	84.1	91.1	93.4	94.7	96.2	96.7	97.5	98.1	98.2	98.9	99.1	99.1	99.3	99.3	99.4	99.4
100	84.1	91.1	93.4	94.7	96.3	96.8	97.6	98.2	98.3	99.0	99.2	99.2	99.4	99.4	99.5	99.7
0	84.1	91.1	93.4	94.7	96.3	96.8	97.6	98.2	98.3	99.0	99.2	99.2	99.4	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

2672

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41.44-72  
YEARS

1971  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	58.9	59.7	59.8	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1
IV 20000	59.8	71.9	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 18000	70.1	71.2	71.3	71.4	71.5	71.5	71.5	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7
IV 16000	70.2	71.3	71.5	71.6	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 14000	70.8	71.9	72.0	72.1	72.2	72.2	72.2	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4
IV 12000	72.5	73.7	73.8	73.9	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 10000	74.0	75.2	75.3	75.4	75.5	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 9000	74.8	76.1	76.1	76.2	76.3	76.3	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5
IV 8000	75.7	77.0	77.2	77.3	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 7000	76.4	77.3	78.1	78.2	78.2	78.3	78.3	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5
IV 6000	76.7	78.2	78.4	78.5	78.6	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 5000	77.5	78.9	79.3	79.4	79.5	79.5	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 4500	77.8	79.4	79.7	79.9	80.0	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 4000	78.3	80.5	80.9	81.0	81.1	81.1	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4
IV 3500	79.6	81.3	81.6	81.8	81.9	81.9	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2
IV 3000	81.1	83.1	83.4	83.6	83.7	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 2500	83.2	85.1	85.5	85.7	85.8	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 2000	85.5	87.7	88.1	88.4	88.6	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 1800	86.0	88.3	88.7	89.0	89.2	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 1500	87.5	89.3	89.3	90.3	90.8	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 1200	88.8	91.6	92.2	92.6	92.7	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 1000	89.2	92.8	93.5	94.0	94.2	94.2	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6
IV 900	89.4	93.2	94.0	94.5	94.7	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 800	89.7	93.7	94.6	95.2	95.5	95.5	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 700	89.7	94.0	94.9	95.6	96.0	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 600	89.7	94.1	95.1	95.9	96.3	96.4	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 500	89.8	94.3	95.5	96.4	97.2	97.3	97.7	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2
IV 400	89.9	94.6	95.8	96.9	97.8	98.1	98.5	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
IV 300	89.9	94.7	95.9	97.0	98.1	98.3	99.0	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8
IV 200	89.9	94.7	95.9	97.0	98.1	98.4	99.0	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 100	89.9	94.7	95.9	97.0	98.1	98.4	99.1	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0
IV 0	89.9	94.7	95.9	97.0	98.1	98.4	99.1	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2868

DATA PROCESSING BR. C.  
USAF ETAC  
AIR WEATHER SERVICE/0AC

## CEILING VERSUS VISIBILITY

13945  
STATION

PORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

0V  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.2	52.7	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV 20000	73.2	74.1	74.1	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 18000	73.4	74.2	74.3	74.3	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 16000	73.7	74.4	74.6	74.6	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 14000	74.2	75.3	75.1	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 12000	75.9	76.8	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 10000	77.4	78.2	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 9000	78.6	78.9	79.1	79.1	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 8000	78.9	80.2	80.1	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 7000	79.7	80.8	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 6000	80.1	81.2	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 5000	80.8	82.1	82.2	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 4500	81.2	82.5	82.7	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 4000	82.3	83.5	83.8	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 3500	83.4	85.3	85.3	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 3000	84.3	86.6	87.0	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 2500	86.3	88.3	88.8	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 2000	88.4	90.7	91.2	91.5	91.6	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 1800	88.7	91.0	91.5	91.8	91.9	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 1500	89.5	91.9	92.4	92.8	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 1200	90.5	92.9	93.5	94.0	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 1000	90.5	93.7	94.3	94.8	94.9	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 900	90.7	94.0	94.7	95.2	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 800	90.8	94.5	95.2	95.7	95.7	96.0	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
IV 700	90.8	94.7	95.6	96.1	96.4	96.4	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
IV 600	91.3	95.1	96.0	96.7	96.9	97.0	97.1	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
IV 500	91.1	95.4	96.4	97.0	97.4	97.5	97.8	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2
IV 400	91.1	95.5	96.6	97.2	97.7	97.8	98.2	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
IV 300	91.1	95.5	96.6	97.3	97.8	97.9	98.4	98.8	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2
IV 200	91.1	95.5	96.7	97.4	97.9	98.0	98.7	99.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	91.1	95.5	96.7	97.4	97.9	98.0	98.7	99.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	91.1	95.5	96.7	97.4	97.9	98.0	98.7	99.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

2868

USAF ETAC

FORM  
AFL 64

0-14-5(OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING 644 CM  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

NOV  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	57.2	63.5	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 20000	74.4	76.5	76.7	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 18000	74.4	76.5	76.7	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 16000	74.4	76.5	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 14000	75.1	77.3	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 12000	76.4	73.6	78.8	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 10000	77.9	80.2	80.4	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 9000	73.4	80.7	80.9	81.2	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 8000	79.2	81.4	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 7000	81.3	82.7	82.9	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 6000	83.8	83.5	83.6	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 5000	81.5	84.4	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 4500	81.6	84.7	85.0	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 4000	82.2	85.4	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 3500	82.7	85.9	86.2	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 3000	83.7	87.1	87.3	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 2500	85.1	88.5	88.8	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 2000	86.5	91.1	90.5	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 1800	86.6	90.4	90.8	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 1500	87.2	91.1	91.6	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 1200	87.8	91.8	92.4	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 1000	88.3	92.4	93.4	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 900	88.5	93.0	93.9	94.3	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 800	88.7	93.6	94.5	95.0	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5
IV 700	88.8	93.9	94.8	95.4	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 600	88.9	94.4	95.5	96.1	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6
IV 500	89.0	94.9	96.2	96.8	97.1	97.1	97.5	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7
IV 400	89.0	94.8	96.2	96.9	97.5	97.5	98.2	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4
IV 300	89.0	94.9	96.3	97.1	97.7	97.7	98.5	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9
IV 200	89.0	94.9	96.3	97.1	97.7	97.7	98.6	98.8	98.8	99.1	99.3	99.3	99.3	99.4	99.4	99.4
IV 100	89.0	94.9	96.3	97.1	97.7	97.7	98.6	98.9	98.9	99.4	99.6	99.6	99.8	99.8	99.9	100.0
IV 0	89.0	94.9	96.3	97.1	97.7	97.7	98.6	98.9	98.9	99.4	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2865



DATA PROCESSING SECTION  
USAF ETAC  
AIR WEATHER SERVICE/TAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

NOV  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	69.4	71.4	71.8	71.9	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.2	72.2
≥ 20000	74.0	76.2	76.7	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0
IV 18000	74.0	76.2	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0
IV 16000	74.0	76.2	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0
IV 14000	74.0	76.7	77.2	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5
IV 12000	75.0	78.2	78.7	78.8	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 10000	77.1	79.5	80.1	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4
IV 9000	77.3	80.0	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9
IV 8000	78.5	80.9	81.5	81.6	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9
IV 7000	79.1	81.6	82.2	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5
IV 6000	79.9	82.7	83.2	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 5000	80.0	83.6	84.2	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5
IV 4500	81.0	84.1	84.6	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.0
IV 4000	81.7	85.1	85.7	85.7	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0
IV 3500	82.3	85.7	86.3	86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6
IV 3000	82.6	86.4	87.0	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 2500	83.8	87.5	88.3	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7
IV 2000	85.0	89.5	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 1800	85.2	89.8	90.6	90.6	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0
IV 1500	85.7	90.6	91.5	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9
IV 1200	86.5	91.7	92.6	92.7	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1
IV 1000	87.2	92.6	93.6	93.7	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2
IV 900	87.4	93.0	94.0	94.1	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6
IV 800	87.6	93.5	94.6	94.9	95.1	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5
IV 700	87.7	93.6	94.8	95.2	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8
IV 600	87.8	94.0	95.1	95.6	95.9	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4
IV 500	87.9	94.2	95.4	96.0	96.4	96.4	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 400	87.9	94.6	95.7	96.5	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.7	97.7	97.8
IV 300	87.9	94.6	95.9	96.9	97.6	97.7	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.7	98.7	98.8
IV 200	87.9	94.6	95.9	96.9	97.7	97.8	98.4	98.5	98.5	98.5	98.8	98.8	98.8	99.0	99.0	99.1
IV 100	87.9	94.6	95.9	96.9	97.8	97.9	98.5	98.5	98.5	98.5	99.1	99.1	99.1	99.3	99.3	99.6
IV 0	87.9	94.6	95.9	96.9	97.8	97.9	98.5	98.5	98.5	98.5	99.1	99.2	99.2	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS

2866

USAF ETAC

FORM  
JUL 64

0-14.5 (OLA)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESS TO DRA CR  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

F T SILL KLANOMA/POST FLD  
STATION NAME

39-4-44-72  
YEARS

DEC  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	63.1	65.2	65.7	65.7	66.0	66.0	66.2	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.5	66.7
IV 20000	67.7	70.1	70.5	70.6	71.1	71.1	71.3	71.4	71.4	71.5	71.6	71.6	71.6	71.6	71.7	71.9
IV 18000	67.3	70.2	70.6	70.7	71.2	71.2	71.4	71.5	71.5	71.6	71.7	71.7	71.7	71.7	71.8	72.0
IV 16000	68.0	70.4	70.9	71.0	71.5	71.5	71.7	71.7	71.7	71.9	71.9	71.9	72.0	72.0	72.1	72.3
IV 14000	68.3	70.8	71.2	71.3	71.8	71.8	72.0	72.0	72.0	72.2	72.2	72.2	72.3	72.3	72.4	72.6
IV 12000	69.5	72.2	72.6	72.7	73.2	73.2	73.4	73.5	73.5	73.7	73.7	73.7	73.8	73.8	73.9	74.1
IV 10000	70.3	73.5	74.0	74.1	74.5	74.5	74.8	74.9	74.9	75.0	75.1	75.1	75.2	75.2	75.2	75.5
IV 9000	71.3	74.3	74.4	74.5	75.0	75.0	75.3	75.3	75.3	75.5	75.6	75.6	75.7	75.7	75.7	76.0
IV 8000	72.2	75.7	75.4	75.5	76.0	76.0	76.3	76.3	76.3	76.5	76.6	76.6	76.6	76.6	76.7	76.9
IV 7000	72.3	75.7	76.2	76.2	76.7	76.7	77.0	77.1	77.1	77.2	77.3	77.3	77.4	77.4	77.4	77.7
IV 6000	73.6	76.5	77.0	77.1	77.5	77.5	77.8	77.9	77.9	78.0	78.1	78.1	78.2	78.2	78.3	78.5
IV 5000	74.8	77.9	78.4	78.5	79.0	79.0	79.3	79.4	79.4	79.5	79.6	79.6	79.7	79.7	79.7	80.0
IV 4500	75.2	78.4	78.8	79.0	79.5	79.5	79.8	79.8	79.8	80.0	80.1	80.1	80.1	80.1	80.2	80.4
IV 4000	75.6	79.1	79.5	79.6	80.2	80.2	80.5	80.5	80.5	80.7	80.8	80.8	80.9	80.9	80.9	81.2
IV 3500	76.2	79.7	80.2	80.4	81.0	81.0	81.3	81.3	81.3	81.5	81.6	81.6	81.6	81.6	81.7	81.9
IV 3000	76.3	80.6	81.3	81.5	82.1	82.1	82.5	82.5	82.5	82.7	82.8	82.8	82.8	82.8	82.9	83.1
IV 2500	77.5	81.7	82.4	82.6	83.2	83.2	83.6	83.6	83.6	83.8	83.9	83.9	83.9	83.9	84.0	84.2
IV 2000	78.6	82.9	83.7	83.9	84.5	84.5	84.9	85.0	85.0	85.2	85.2	85.2	85.3	85.3	85.4	85.6
IV 1800	78.7	83.2	84.1	84.3	84.9	84.9	85.3	85.4	85.4	85.6	85.6	85.6	85.7	85.7	85.8	86.0
IV 1500	79.6	84.5	85.4	85.7	86.4	86.4	86.8	86.9	86.9	87.0	87.1	87.1	87.2	87.2	87.2	87.5
IV 1200	80.4	85.8	86.7	87.1	87.7	87.7	88.2	88.3	88.3	88.4	88.5	88.5	88.6	88.6	88.7	88.9
IV 1000	80.7	86.5	87.4	87.8	88.4	88.4	88.9	89.1	89.1	89.3	89.4	89.4	89.5	89.5	89.5	89.8
IV 900	81.0	87.0	88.0	88.4	89.1	89.2	89.7	89.8	89.8	90.0	90.0	90.0	90.1	90.1	90.2	90.4
IV 800	81.2	87.3	88.4	88.9	89.6	89.6	90.2	90.2	90.2	90.4	90.5	90.5	90.6	90.6	90.7	90.9
IV 700	81.3	87.8	88.9	89.5	90.2	90.3	90.9	91.0	91.0	91.2	91.3	91.3	91.4	91.4	91.5	91.8
IV 600	81.7	88.3	89.5	90.2	91.0	91.1	91.9	91.9	91.9	92.2	92.3	92.3	92.4	92.4	92.5	92.7
IV 500	81.8	88.7	90.0	90.8	91.8	92.0	92.8	92.9	92.9	93.1	93.2	93.2	93.3	93.4	93.5	93.7
IV 400	81.9	88.9	90.4	91.4	92.7	92.9	93.9	94.1	94.1	94.4	94.6	94.6	94.7	94.7	94.8	95.0
IV 300	82.0	89.1	90.7	92.1	93.7	94.0	95.1	95.5	95.5	95.9	96.0	96.0	96.2	96.3	96.4	96.6
IV 200	82.0	89.1	90.7	92.1	93.8	94.1	95.3	95.8	95.8	96.4	96.6	96.6	96.7	96.9	97.1	97.4
IV 100	82.0	89.1	90.7	92.1	93.8	94.1	95.4	96.0	96.0	96.8	97.1	97.2	97.8	98.0	98.2	98.6
IV 0	82.0	89.1	90.7	92.1	93.8	94.1	95.4	96.0	96.0	96.8	97.2	97.3	97.9	98.3	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2961

USAF ETAC FORM 0-145(OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

DEC  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60.5	62.9	63.3	63.5	63.7	63.8	63.9	63.9	63.9	64.1	64.1	64.1	64.4	64.4	64.6	65.0
≥ 20000	64.5	67.1	67.3	67.5	67.8	67.9	68.1	68.1	68.0	68.2	68.2	68.2	68.5	68.5	68.7	69.2
IV 18000	64.7	67.1	67.5	67.7	68.0	68.0	68.2	68.2	68.2	68.4	68.4	68.4	68.6	68.6	68.9	69.3
IV 16000	65.1	67.4	67.8	68.0	68.3	68.3	68.5	68.5	68.5	68.7	68.7	68.7	69.0	69.0	69.2	69.6
IV 14000	65.2	67.5	68.2	68.4	68.7	68.7	68.9	68.9	68.9	69.1	69.1	69.1	69.4	69.4	69.6	70.0
IV 12000	66.4	69.1	69.5	69.7	70.0	70.0	70.2	70.2	70.2	70.4	70.4	70.4	70.7	70.7	70.9	71.3
IV 10000	67.3	69.9	70.3	70.4	70.7	70.8	70.9	70.9	70.9	71.1	71.2	71.2	71.4	71.5	71.7	72.2
IV 9000	67.8	70.4	70.7	70.9	71.2	71.3	71.4	71.4	71.4	71.6	71.7	71.7	71.9	72.0	72.2	72.6
IV 8000	68.7	71.5	71.9	72.0	72.3	72.4	72.5	72.5	72.5	72.7	72.8	72.8	73.0	73.1	73.3	73.7
IV 7000	69.3	72.2	72.5	72.7	73.0	73.1	73.2	73.2	73.2	73.4	73.5	73.5	73.7	73.7	74.0	74.4
IV 6000	69.5	72.4	72.8	73.0	73.3	73.3	73.5	73.5	73.5	73.7	73.7	73.7	74.0	74.0	74.2	74.7
IV 5000	70.9	74.1	74.4	74.6	74.9	74.9	75.1	75.1	75.1	75.3	75.3	75.3	75.6	75.6	75.8	76.3
IV 4500	71.3	74.5	74.9	75.1	75.4	75.4	75.6	75.6	75.6	75.8	75.8	75.8	76.1	76.1	76.3	76.8
IV 4000	72.1	75.3	75.7	75.9	76.2	76.2	76.4	76.4	76.4	76.6	76.6	76.6	76.9	76.9	77.2	77.5
IV 3500	72.2	75.5	76.2	76.4	76.7	76.8	76.9	77.0	77.0	77.2	77.3	77.3	77.5	77.5	77.8	78.2
IV 3000	72.9	76.9	77.4	77.6	77.9	78.0	78.1	78.1	78.1	78.3	78.4	78.4	78.6	78.7	78.9	79.3
IV 2500	73.7	78.1	78.6	78.8	79.1	79.2	79.3	79.3	79.3	79.5	79.6	79.6	79.9	79.9	80.1	80.6
IV 2000	75.0	79.9	80.7	80.8	81.2	81.2	81.4	81.5	81.5	81.7	81.8	81.8	82.0	82.1	82.3	82.8
IV 1800	75.4	80.5	81.3	81.4	81.8	81.8	82.0	82.1	82.1	82.3	82.4	82.4	82.7	82.7	82.9	83.4
IV 1500	76.5	81.9	82.9	83.1	83.5	83.5	83.7	83.8	83.8	84.1	84.2	84.2	84.4	84.4	84.7	85.1
IV 1200	77.0	83.4	84.4	84.7	85.1	85.2	85.4	85.5	85.5	85.7	85.8	85.8	86.1	86.1	86.3	86.8
IV 1000	78.1	84.1	85.3	85.5	86.0	86.1	86.4	86.5	86.5	86.8	86.9	86.9	87.1	87.1	87.4	87.8
IV 900	78.2	84.3	85.6	85.9	86.4	86.4	86.8	86.9	86.9	87.1	87.2	87.2	87.5	87.5	87.7	88.2
IV 800	78.4	84.7	86.1	86.5	87.0	87.1	87.5	87.6	87.6	87.9	88.0	88.0	88.2	88.2	88.5	88.9
IV 700	78.6	85.3	86.8	87.1	87.7	87.7	88.2	88.4	88.4	88.6	88.7	88.7	89.0	89.0	89.3	89.7
IV 600	78.8	85.7	87.4	87.9	88.4	88.5	89.1	89.2	89.2	89.5	89.6	89.6	89.9	89.9	90.2	90.7
IV 500	79.0	86.3	88.3	88.8	89.5	89.6	90.3	90.5	90.5	90.8	90.9	90.9	91.2	91.2	91.5	91.9
IV 400	79.2	86.7	88.9	89.6	90.6	90.8	91.8	91.9	92.0	92.4	92.6	92.6	92.9	93.0	93.3	93.8
IV 300	79.2	86.8	89.1	90.0	91.5	91.7	93.0	93.3	93.4	94.0	94.2	94.2	94.5	94.5	94.8	95.3
IV 200	79.2	86.8	89.1	90.0	91.7	91.9	93.3	93.8	93.9	94.8	95.2	95.2	95.5	95.6	96.0	96.9
IV 100	79.2	86.9	89.1	90.1	91.9	92.0	93.5	94.2	94.3	95.2	95.7	95.7	96.1	96.2	96.7	98.0
IV 0	79.2	86.9	89.1	90.1	91.9	92.0	93.5	94.2	94.3	95.3	95.8	95.8	96.3	96.4	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2963

DATA PROCESS. & ANAL. CH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/PGST FLD  
STATION NAME

39-41,44-72  
YEARS

DEC  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	53.0	56.2	56.6	57.0	57.2	57.3	57.5	57.6	57.6	57.8	57.8	57.8	58.0	58.1	58.2	58.7
IV 18000 16000	58.3	61.4	61.8	62.2	62.6	62.7	62.9	63.0	63.0	63.2	63.3	63.3	63.5	63.6	63.7	64.2
IV 14000 12000	58.5	61.5	62.1	62.5	62.9	63.0	63.2	63.3	63.3	63.5	63.6	63.6	63.8	63.9	64.0	64.5
IV 10000 9000	59.4	62.6	63.1	63.5	63.8	63.9	64.2	64.2	64.2	64.5	64.6	64.6	64.8	64.8	65.0	65.4
IV 8000 7000	60.9	64.1	64.6	65.0	65.4	65.4	65.7	65.8	65.8	66.0	66.1	66.1	66.3	66.4	66.5	67.0
IV 6000 5000	62.1	65.4	65.8	66.2	66.6	66.7	67.0	67.1	67.1	67.3	67.4	67.4	67.6	67.7	67.8	68.3
IV 4500 4000	62.6	65.8	66.3	66.7	67.1	67.2	67.5	67.6	67.6	67.8	67.9	67.9	68.1	68.1	68.3	68.7
IV 3500 3000	63.9	67.2	67.7	68.1	68.5	68.6	68.9	68.9	68.9	69.1	69.2	69.2	69.4	69.5	69.7	70.1
IV 2500 2000	64.7	68.2	68.7	69.1	69.5	69.6	69.9	69.9	69.9	70.2	70.3	70.3	70.5	70.5	70.7	71.1
IV 1800 1500	65.3	68.9	69.4	69.8	70.2	70.3	70.6	70.7	70.7	70.9	71.0	71.0	71.2	71.3	71.4	71.9
IV 1200 1000	66.2	69.9	70.4	70.8	71.2	71.3	71.7	71.8	71.8	72.0	72.1	72.1	72.3	72.3	72.5	73.0
IV 900 800	66.9	70.7	71.2	71.6	72.0	72.1	72.5	72.6	72.6	72.8	72.9	72.9	73.1	73.2	73.3	73.8
IV 700 600	67.8	71.7	72.1	72.6	73.0	73.1	73.5	73.6	73.6	73.8	73.9	73.9	74.1	74.2	74.4	74.8
IV 500 400	68.1	72.3	72.7	73.2	73.7	73.7	74.1	74.3	74.3	74.5	74.6	74.6	74.8	74.8	75.0	75.4
IV 300 200	69.2	73.7	74.2	74.7	75.1	75.2	75.6	75.8	75.8	76.0	76.1	76.1	76.3	76.3	76.5	76.9
IV 100 0	70.3	75.0	75.6	76.1	76.6	76.6	77.0	77.2	77.2	77.4	77.5	77.5	77.7	77.7	77.9	78.3
	71.7	76.9	77.6	78.2	78.7	78.8	79.2	79.3	79.3	79.5	79.6	79.6	79.8	79.9	80.0	80.5
	72.2	77.4	78.1	78.8	79.3	79.3	79.7	79.9	79.9	80.1	80.2	80.2	80.4	80.4	80.6	81.0
	73.2	79.0	79.8	80.4	80.9	81.0	81.4	81.6	81.6	81.8	81.9	81.9	82.1	82.2	82.4	82.8
	74.1	80.5	81.4	82.1	82.7	82.7	83.2	83.4	83.4	83.6	83.7	83.7	83.9	84.0	84.2	84.6
	74.6	81.7	82.7	83.4	84.1	84.2	84.7	84.9	84.9	85.1	85.2	85.2	85.4	85.5	85.7	86.1
	74.7	82.0	83.0	83.8	84.5	84.6	85.1	85.3	85.3	85.5	85.6	85.6	85.8	85.9	86.1	86.5
	75.0	82.8	83.9	84.7	85.5	85.6	86.0	86.3	86.3	86.6	86.7	86.7	86.9	87.0	87.2	87.6
	75.2	83.3	84.5	85.4	86.2	86.3	86.8	87.1	87.1	87.4	87.5	87.5	87.7	87.8	88.0	88.4
	75.4	83.7	85.0	86.0	86.9	87.0	87.6	87.9	87.9	88.2	88.4	88.4	88.6	88.6	88.8	89.3
	75.6	84.2	85.7	87.0	88.3	88.4	89.2	89.6	89.6	90.0	90.2	90.2	90.4	90.4	90.6	91.1
	75.6	84.6	86.2	87.9	89.5	89.6	90.6	91.1	91.2	91.6	91.8	91.8	92.0	92.1	92.3	92.7
	75.6	84.7	86.3	88.0	89.9	90.2	91.2	91.8	91.9	92.5	92.8	92.8	93.1	93.2	93.4	94.0
	75.6	84.7	86.4	88.2	90.4	90.7	92.1	92.8	93.0	93.9	94.3	94.3	94.8	95.1	95.5	96.3
	75.6	84.7	86.4	88.3	90.4	90.7	92.2	93.0	93.1	94.2	94.8	94.8	95.4	95.8	96.6	97.8
	75.6	84.7	86.4	88.3	90.4	90.7	92.2	93.0	93.1	94.2	94.8	94.8	95.5	95.9	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2965

USAF ETAC FORM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

12945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

DEC  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	52.1	54.1	54.2	54.5	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.9
IV 20000	59.8	62.3	62.6	62.8	63.0	63.0	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.5
IV 18000	61.2	62.7	63.0	63.2	63.4	63.4	63.5	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.9
16000	61.2	62.9	63.1	63.3	63.5	63.5	63.6	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	64.0
IV 14000	61.1	63.6	63.9	64.1	64.3	64.3	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.8
12000	62.8	65.3	65.6	65.7	65.9	65.9	66.0	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.4
IV 10000	64.0	66.7	67.0	67.2	67.4	67.4	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.8	67.9
9000	65.0	67.6	67.9	68.1	68.4	68.4	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.9
IV 8000	65.6	68.5	68.9	69.1	69.3	69.3	69.4	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.8
7000	66.7	69.5	69.8	70.0	70.3	70.3	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.8
IV 6000	67.1	69.9	70.3	70.5	70.8	70.8	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.3
5000	68.4	71.4	71.6	72.0	72.3	72.3	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.9
IV 4500	69.1	72.2	72.5	72.8	73.1	73.1	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.6
4000	69.9	73.2	73.6	73.8	74.1	74.2	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.7
IV 3500	70.2	73.7	74.3	74.5	74.8	74.9	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.4
3000	71.4	75.2	75.7	75.9	76.3	76.3	76.4	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.8
IV 2500	72.2	76.1	76.7	77.0	77.4	77.4	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.9
2000	73.5	77.9	78.6	78.8	79.2	79.3	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.8
IV 1800	74.0	78.4	79.1	79.4	79.8	79.9	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.4
1500	75.1	79.9	80.8	81.1	81.6	81.7	81.8	82.0	82.0	82.1	82.1	82.1	82.1	82.2	82.2	82.3
IV 1200	76.2	81.6	82.0	83.0	83.7	83.7	83.9	84.1	84.1	84.2	84.2	84.2	84.2	84.3	84.3	84.4
1000	76.7	82.7	83.9	84.4	85.1	85.2	85.4	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	86.0
IV 900	76.9	83.4	84.6	85.2	86.0	86.1	86.3	86.6	86.7	86.8	86.9	86.9	86.9	86.9	86.9	87.1
800	77.1	84.0	85.3	86.0	86.9	87.1	87.4	87.7	87.7	87.9	87.9	87.9	87.9	88.0	88.0	88.2
IV 700	77.2	84.7	86.2	87.0	88.0	88.1	88.5	88.8	88.9	89.0	89.0	89.0	89.0	89.1	89.1	89.3
600	77.5	85.2	87.1	88.0	89.3	89.6	90.1	90.3	90.4	90.5	90.6	90.6	90.6	90.7	90.7	90.9
IV 500	77.7	85.9	88.1	89.1	90.6	91.0	91.8	92.1	92.2	92.3	92.3	92.3	92.3	92.5	92.6	92.8
400	77.8	86.4	88.8	90.0	91.8	92.3	93.2	93.7	93.7	93.9	94.0	94.0	94.0	94.1	94.3	94.6
IV 300	77.8	86.5	89.0	90.3	92.2	92.8	93.9	94.7	94.8	95.2	95.3	95.4	95.4	95.7	96.0	96.3
200	77.8	86.5	89.0	90.4	92.6	93.1	94.4	95.3	95.4	96.0	96.2	96.3	96.3	96.9	97.4	97.9
IV 100	77.8	86.5	89.0	90.4	92.6	93.1	94.4	95.4	95.6	96.2	96.4	96.5	96.5	97.3	97.8	98.3
0	77.8	86.5	89.0	90.4	92.6	93.1	94.4	95.4	95.6	96.2	96.5	96.6	96.6	97.4	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2967



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/4AC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING ≥ 20000	54.8	55.5	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
IV 18000	64.4	65.5	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 16000	64.5	65.7	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
IV 14000	65.6	66.8	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
IV 12000	67.6	68.9	69.2	69.2	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 10000	69.1	70.4	70.7	70.7	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IV 8000	71.1	71.4	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 6000	71.3	72.8	73.1	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 5000	72.1	73.6	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 4500	72.7	74.3	74.6	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 4000	73.9	75.4	75.9	75.9	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 3500	74.3	76.3	76.6	76.6	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 3000	75.3	77.2	77.5	77.5	77.6	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 2500	75.7	77.7	78.0	78.0	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 2000	76.9	78.9	79.2	79.2	79.3	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 1800	78.0	80.2	80.5	80.6	80.7	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 1500	79.5	81.8	82.2	82.3	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 1200	80.5	82.9	83.4	83.5	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 1000	81.9	84.8	85.3	85.5	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 900	82.9	86.3	86.9	87.2	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 800	82.9	86.1	88.9	89.3	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 700	84.0	88.8	89.6	90.0	90.4	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 600	84.2	89.7	90.8	91.4	91.9	92.0	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 500	84.3	90.2	91.5	92.1	92.6	92.7	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 400	84.4	90.9	92.4	93.4	94.5	94.7	95.5	95.7	95.7	95.8	95.8	95.8	95.9	95.9	96.0	96.0
IV 300	84.5	91.2	92.8	94.0	95.2	95.5	96.7	97.0	97.1	97.2	97.2	97.3	97.4	97.4	97.4	97.4
IV 200	84.5	91.3	93.0	94.3	95.8	96.2	97.4	97.8	97.9	98.1	98.3	98.4	98.5	98.5	98.6	98.6
IV 100	84.5	91.4	93.1	94.4	96.0	96.3	97.6	98.1	98.3	98.6	98.9	99.0	99.3	99.4	99.6	99.7
IV 0	84.5	91.4	93.1	94.4	96.0	96.3	97.6	98.1	98.3	98.7	99.1	99.0	99.4	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2963

USAF ETAC FORM 0-14.5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FMPT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41.44-72  
YEARS

DEC  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	55.7	56.2	56.5	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 20000	66.5	67.8	68.2	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 18000	67.1	67.9	68.3	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV 16000	67.4	68.2	68.6	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 14000	68.3	69.1	69.5	69.6	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 12000	70.8	71.3	72.1	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 10000	72.4	73.4	73.9	74.0	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 9000	73.1	74.2	74.6	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 8000	74.7	75.8	76.2	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV 7000	75.4	76.5	77.0	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 6000	76.0	77.3	77.7	77.8	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 5000	77.2	78.5	78.9	79.1	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 4500	77.7	78.9	79.4	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 4000	78.4	79.7	80.2	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 3500	79.1	80.5	81.0	81.2	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 3000	80.8	82.3	82.9	83.1	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 2500	82.0	83.7	84.3	84.5	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 2000	83.0	85.7	86.3	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 1800	84.3	86.3	86.9	87.1	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 1500	84.7	87.5	88.1	88.4	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 1200	85.6	88.7	89.4	89.7	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1
IV 1000	86.0	89.6	90.5	91.0	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7
IV 900	86.2	90.0	91.0	91.6	91.9	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3
IV 800	86.4	90.9	92.0	92.7	93.0	93.1	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.6	93.6	93.6
IV 700	86.6	91.4	92.6	93.3	93.7	93.9	94.2	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 600	86.8	91.9	93.3	94.1	94.9	95.1	95.4	95.5	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 500	86.9	92.2	93.6	94.8	95.6	95.9	96.4	96.6	96.7	96.9	96.9	96.9	97.0	97.0	97.0	97.0
IV 400	86.9	92.4	93.9	95.2	96.1	96.4	97.2	97.3	97.5	97.8	97.8	97.8	97.9	97.9	97.9	98.0
IV 300	87.0	92.4	94.0	95.2	96.2	96.6	97.4	97.6	97.9	98.3	98.5	98.5	98.6	98.7	98.8	98.8
IV 200	87.0	92.5	94.0	95.3	96.3	96.7	97.5	97.8	98.0	98.5	98.9	99.0	99.2	99.3	99.3	99.3
IV 100	87.0	92.5	94.0	95.3	96.4	96.7	97.5	97.8	98.1	98.6	99.0	99.0	99.4	99.5	99.6	99.6
IV 0	87.0	92.5	94.0	95.3	96.4	96.7	97.5	97.8	98.1	98.6	99.0	99.0	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

2972

USAF ETAC

FORM  
JUL 64

0-14-5(OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BR 4 CH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	62.2	63.4	63.5	63.5	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
IV 18000	68.4	70.1	70.3	70.3	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.7	70.7
IV 16000	68.8	70.5	70.7	70.7	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 14000	69.6	71.5	71.6	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1
IV 12000	71.7	73.6	73.8	73.9	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 10000	73.0	75.1	75.3	75.3	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 9000	73.4	75.5	75.8	75.8	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 8000	74.6	76.9	77.2	77.2	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 7000	75.2	77.6	77.9	78.0	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 6000	75.9	78.3	78.5	78.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0
IV 5000	77.0	79.6	79.9	80.0	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4
IV 4500	77.4	80.1	80.4	80.5	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 4000	78.4	81.1	81.4	81.5	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 3500	79.2	82.0	82.3	82.5	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 3000	80.5	83.4	83.7	83.9	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 2500	81.3	84.6	84.9	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5
IV 2000	81.9	85.7	86.1	86.4	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 1800	82.2	86.1	86.5	86.8	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 1500	83.2	87.5	88.0	88.5	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 1200	83.9	88.8	89.5	90.1	90.4	90.4	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6
IV 1000	84.5	89.8	90.6	91.2	91.6	91.6	91.7	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9
IV 900	84.8	90.3	91.2	91.9	92.4	92.4	92.5	92.5	92.5	92.7	92.8	92.8	92.8	92.8	92.8	92.8
IV 800	84.9	90.7	91.8	92.7	93.1	93.2	93.2	93.3	93.3	93.4	93.5	93.5	93.6	93.6	93.6	93.6
IV 700	85.1	91.0	92.3	93.1	93.7	93.7	93.8	93.9	93.9	94.0	94.1	94.1	94.2	94.2	94.2	94.2
IV 600	85.2	91.5	92.8	93.7	94.4	94.5	94.7	94.8	94.8	95.0	95.1	95.1	95.2	95.2	95.2	95.2
IV 500	85.4	91.8	93.2	94.2	95.1	95.3	95.5	95.6	95.6	95.8	95.9	96.0	96.0	96.0	96.1	96.1
IV 400	85.4	92.0	93.5	94.5	95.8	96.0	96.3	96.4	96.4	96.6	96.8	96.8	96.9	96.9	96.9	96.9
IV 300	85.4	92.1	93.7	94.7	96.1	96.4	97.0	97.2	97.3	97.7	98.0	98.0	98.1	98.2	98.2	98.2
IV 200	85.4	92.2	93.8	94.9	96.3	96.5	97.2	97.4	97.5	98.1	98.6	98.6	99.0	99.0	99.1	99.2
IV 100	85.4	92.2	93.8	94.9	96.4	96.6	97.3	97.5	97.6	98.2	98.7	98.8	99.3	99.3	99.4	99.6
IV 0	85.4	92.2	93.8	94.9	96.4	96.6	97.3	97.5	97.6	98.2	98.7	98.8	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2953

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13945  
STATION

FORT SILL OKLA JMA/POST FLD  
STATION NAME

39-41,44-72  
YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	65.7	67.5	68.1	68.1	68.3	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7
IV 20000	70.2	72.3	73.0	73.0	73.3	73.4	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.8
IV 18000	70.2	72.3	73.0	73.0	73.3	73.4	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.8
IV 16000	70.4	72.5	73.2	73.2	73.5	73.6	73.6	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.9
IV 14000	70.9	73.0	73.7	73.7	74.0	74.1	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.4
IV 12000	71.7	73.9	74.5	74.6	74.8	74.9	75.0	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.3
IV 10000	73.7	75.9	76.6	76.6	76.9	77.0	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.4
IV 9000	74.0	76.2	76.9	76.9	77.2	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.7
IV 8000	75.4	77.8	78.5	78.5	78.8	78.9	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.2
IV 7000	76.0	78.6	79.3	79.3	79.6	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.1
IV 6000	76.6	79.1	79.9	79.9	80.2	80.3	80.3	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.6
IV 5000	77.7	80.4	81.2	81.2	81.5	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	82.0
IV 4500	78.0	80.7	81.5	81.6	81.8	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.3
IV 4000	78.7	81.4	82.2	82.3	82.5	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	83.0
IV 3500	79.6	82.4	83.3	83.5	83.8	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.3
IV 3000	80.3	83.3	84.2	84.4	84.7	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.2
IV 2500	80.6	83.9	84.9	85.0	85.3	85.4	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.8
IV 2000	81.6	85.2	86.3	86.5	86.8	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.3
IV 1800	81.8	85.6	86.7	86.9	87.2	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.7
IV 1500	82.3	86.6	87.7	88.0	88.3	88.5	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.9
IV 1200	82.7	87.4	88.7	89.0	89.4	89.5	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.1
IV 1000	83.2	88.2	89.7	90.1	90.4	90.6	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.3
IV 900	83.4	88.6	90.1	90.6	90.9	91.1	91.4	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.8
IV 800	84.0	89.3	90.9	91.5	91.9	92.1	92.5	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	93.0
IV 700	84.0	89.6	91.3	91.9	92.3	92.6	93.0	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.5
IV 600	84.1	89.9	91.7	92.5	92.9	93.1	93.6	93.8	93.8	93.9	93.9	93.9	93.9	93.9	94.0	94.1
IV 500	84.2	90.2	92.0	93.0	93.6	93.8	94.3	94.5	94.5	94.7	94.8	94.8	94.8	94.8	94.8	95.0
IV 400	84.3	90.3	92.1	93.3	94.2	94.4	95.0	95.3	95.4	95.5	95.7	95.7	95.7	95.8	95.8	96.0
IV 300	84.3	90.4	92.3	93.6	94.7	95.0	95.7	96.1	96.2	96.4	96.6	96.6	96.7	96.8	96.8	97.0
IV 200	84.3	90.4	92.5	93.8	95.0	95.3	96.0	96.6	96.8	97.2	97.4	97.4	97.7	97.8	97.8	98.1
IV 100	84.3	90.4	92.5	93.8	95.1	95.4	96.1	96.8	96.9	97.4	97.7	97.7	98.2	98.4	98.5	98.9
IV 0	84.3	90.4	92.5	93.8	95.1	95.4	96.1	96.8	96.9	97.4	97.8	97.9	98.4	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS

2954

USAF ETAC

FORM  
JUL 64

0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER SUMMARY

The individual increments formerly reported in total sky cover of airways observations are no longer available from the source data from Jan 71 and later. Increments reported after 1970 are clear, scattered, broken, overcast, partial obscuration and obscured (0, 3, 9, or 10). Therefore, the sky cover summary for this station is limited to the period through Dec 70.



## PART D

## SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## SKY COVER

13945 FORT SILL OKLAHOMA/POST FLD

46-70

ALL

STATION

STATION NAME

PERIOD

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	31.2	5.0	4.3	3.8	3.0	2.5	2.5	3.5	4.7	3.5	36.1	5.2	18594
FEB		31.9	4.6	4.6	4.0	3.0	2.7	3.1	3.6	4.9	3.5	34.0	5.1	16943
MAR		30.3	5.0	5.4	4.3	3.6	2.7	3.2	3.6	5.6	3.8	32.7	5.1	18589
APR		27.8	4.8	5.0	4.7	3.6	3.3	3.7	4.4	6.6	4.8	31.5	5.3	17988
MAY		23.2	5.1	5.9	5.1	4.8	3.9	4.0	5.3	7.4	5.2	30.2	5.4	18586
JUN		25.5	7.3	7.3	7.2	5.5	4.9	4.8	6.3	7.8	5.4	18.1	4.6	17974
JUL		25.4	8.6	8.5	7.8	6.7	5.7	4.3	6.1	7.6	4.8	14.4	4.2	18432
AUG		31.6	8.4	7.9	7.3	6.1	5.7	4.4	5.9	6.7	4.1	12.2	3.8	18434
SEP		39.6	7.1	5.9	5.1	4.2	3.3	3.3	4.0	5.1	3.8	18.5	3.8	17998
OCT		44.2	5.8	5.3	4.4	3.5	2.8	2.6	3.4	4.4	3.1	20.3	3.6	18592
NOV		40.6	5.1	5.2	4.3	3.2	2.5	3.0	3.3	4.6	3.4	23.7	4.0	17995
DEC		35.4	5.7	4.9	4.1	3.1	2.5	2.7	3.7	4.6	3.2	30.1	4.6	18587
TOTALS		32.2	6.1	5.9	5.2	4.2	3.5	3.5	4.4	5.8	4.1	25.2	4.6	218712

USAFETAC

FORM  
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## SKY COVER

13945

FORT SILL OKLAHOMA/POST FLD

46-70

JAN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	43.0	3.1	3.6	3.3	2.4	1.7	1.8	2.6	3.1	1.3	34.1	4.4	2325
	03-05	41.5	2.2	3.7	3.1	2.4	2.2	1.5	2.3	3.1	1.6	36.2	4.7	2323
	06-08	29.9	4.0	4.6	3.8	3.3	3.3	2.1	3.2	5.3	3.1	37.3	5.3	2325
	09-11	21.1	6.2	4.4	4.6	2.8	2.5	2.2	4.0	5.8	5.5	40.9	6.0	2325
	12-14	22.8	6.0	4.4	3.1	2.6	2.2	3.1	4.1	6.3	5.4	40.0	5.9	2324
	15-17	22.8	7.1	4.6	4.3	3.2	2.8	3.1	4.0	5.6	6.2	36.4	5.7	2324
	18-20	29.1	7.1	4.6	4.4	3.7	3.0	3.0	4.6	5.2	2.7	32.4	5.0	2324
	21-23	39.5	4.1	4.5	3.7	3.4	2.5	3.0	3.1	2.9	2.0	31.2	4.4	2324
TOTALS		31.2	5.0	4.3	3.8	3.0	2.5	2.5	3.5	4.7	3.5	36.1	5.2	18594

USAFETAC

FORM  
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

1  
DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SKY COVER

13945 FORT SILL OKLAHOMA/POST FLD

46-70

FEB

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	44.8	2.9	3.4	3.6	2.4	2.3	1.7	2.5	3.3	1.1	32.1	4.3	2118
	03-05	41.3	2.5	4.2	4.2	2.0	1.8	2.5	2.3	2.6	1.7	34.9	4.6	2118
	06-08	29.6	4.9	4.7	3.6	2.9	3.1	2.8	4.2	4.1	3.2	37.1	5.3	2118
	09-11	22.7	5.1	5.0	4.0	3.4	3.5	2.1	3.9	6.2	6.0	38.1	5.8	2118
	12-14	23.5	4.4	5.0	4.1	3.8	3.0	3.7	4.6	6.8	6.2	34.9	5.7	2118
	15-17	23.6	6.1	5.5	4.2	3.4	2.6	3.3	4.2	7.2	6.1	33.7	5.6	2118
	18-20	28.0	7.1	5.8	4.3	3.2	2.8	4.7	4.7	5.5	2.8	31.1	5.0	2118
	21-23	41.7	3.4	4.7	4.3	2.6	2.4	4.0	2.6	3.4	1.2	29.8	4.3	2117
TOTALS		31.9	4.6	4.8	4.0	3.0	2.7	3.1	3.6	4.9	3.5	34.0	5.1	16943

USAFETAC

FORM  
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## SKY COVER

13945

FORT SILL OKLAHOMA/POST FLD

46-70

MAR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	44.1	2.4	5.0	4.2	3.1	1.6	2.4	3.0	3.8	2.0	28.3	4.1	2320
	03-05	41.1	3.1	4.9	4.7	3.2	1.9	2.2	2.2	3.0	1.7	32.0	4.4	2325
	06-08	24.6	6.7	6.0	3.6	3.0	2.8	3.4	3.7	5.6	4.7	35.9	5.5	2323
	09-11	23.0	4.5	5.2	3.7	2.8	3.1	3.0	3.5	6.7	5.7	38.8	5.9	2325
	12-14	22.8	5.5	4.6	4.3	3.5	3.1	3.7	3.9	7.5	4.6	36.5	5.7	2325
	15-17	21.1	6.8	5.1	4.8	4.2	2.9	3.7	4.6	6.2	5.9	34.7	5.7	2324
	18-20	25.7	7.1	6.5	4.5	4.3	3.6	4.0	4.4	6.9	3.7	29.4	5.1	2325
	21-23	39.8	3.6	5.7	4.2	4.5	2.4	3.1	3.7	5.0	2.2	25.9	4.2	2322
TOTALS		30.3	5.0	5.4	4.3	3.6	2.7	3.2	3.6	5.6	3.8	32.7	5.1	18589

USAFETAC

FORM  
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.



## SKY COVER

46-70

APR

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	43.2	2.8	4.5	3.5	2.7	2.0	3.0	3.7	4.4	2.3	28.1	4.2	2247
	03-05	36.1	3.8	5.2	3.9	3.6	2.6	3.4	3.2	4.6	2.3	31.4	4.7	2250
	06-08	21.8	5.3	4.5	4.6	2.8	3.4	2.9	4.2	8.0	5.2	37.2	5.9	2248
	09-11	19.9	5.8	4.4	4.5	3.2	3.3	3.7	4.9	7.9	5.7	36.7	6.0	2249
	12-14	19.8	5.6	4.9	5.2	3.9	3.8	4.4	5.1	7.5	7.2	32.7	5.8	2249
	15-17	20.0	5.8	5.2	5.2	3.8	3.9	4.4	5.8	7.6	7.3	31.1	5.7	2250
	18-20	23.7	5.2	5.0	5.2	4.9	4.4	3.6	5.1	7.9	6.0	28.9	5.4	2247
	21-23	37.6	3.9	6.0	5.3	4.0	3.2	3.9	3.5	4.5	2.5	25.7	4.3	2246
TOTALS		27.6	4.8	5.0	4.7	3.6	3.3	3.7	4.4	6.6	4.8	31.5	5.3	17988

## SKY COVER

46-70

MAY

## STATION

### STATION NAMES

## MAJOR

## NOTES

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	35.4	3.5	5.6	4.2	3.7	2.4	3.4	3.7	5.0	2.6	30.6	4.7	2323
	03-05	29.9	4.5	5.0	4.3	4.4	3.5	3.8	4.5	4.7	3.0	32.4	5.1	2323
	06-08	19.9	5.1	4.2	3.9	3.9	4.2	3.6	5.4	7.5	6.4	36.0	6.0	2325
	09-11	19.4	4.5	5.2	4.5	4.2	3.5	3.4	6.0	9.6	6.9	32.9	5.9	2325
	12-14	17.0	4.5	6.4	5.4	4.7	4.8	4.7	6.3	10.1	7.0	28.5	5.8	2324
	15-17	16.5	6.2	6.1	6.3	7.1	5.2	5.1	6.9	8.5	6.1	26.0	5.5	2322
	18-20	17.5	7.8	7.2	6.7	5.2	4.5	4.5	5.4	8.3	6.4	26.4	5.4	2325
	21-23	29.9	4.5	7.6	5.8	4.9	3.4	3.2	3.7	5.2	3.0	28.8	4.8	2319
TOTALS		23.2	5.1	5.9	5.1	4.8	3.9	4.0	5.3	7.4	5.2	30.2	5.4	18586

**USAFETAC**

FORM  
JUL 64

FORM 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## SKY COVER

13945

FORT SILL OKLAHOMA/POST FLD

46-70

JUN

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	43.0	5.3	6.2	5.5	3.2	2.7	3.8	3.6	4.1	2.3	20.3	3.7	2250
	03-05	32.9	5.6	7.7	6.1	5.0	3.7	3.8	5.2	6.3	2.7	20.9	4.2	2248
	06-08	18.6	6.6	6.2	7.4	5.4	5.0	3.9	5.6	8.7	7.6	25.0	5.4	2243
	09-11	19.0	7.6	6.8	7.1	5.0	4.8	4.8	6.8	8.3	7.9	22.0	5.2	2241
	12-14	14.9	7.8	7.1	7.9	7.9	5.9	6.4	10.1	10.9	5.5	15.5	5.1	2245
	15-17	16.6	6.9	9.7	9.0	7.7	7.2	6.7	8.5	10.4	6.6	10.6	4.7	2249
	18-20	23.0	10.4	7.8	8.0	6.5	6.0	5.2	6.2	7.4	6.7	12.8	4.3	2749
	21-23	35.7	8.1	7.2	6.3	3.5	3.7	3.6	4.5	6.2	3.5	17.8	3.9	2249
TOTALS		25.5	7.3	7.3	7.2	5.5	4.9	4.8	6.3	7.8	5.4	18.1	4.6	17974

**USAFETAC**

FORM  
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

## SKY COVER

46-70

JUL

STATION

STATION NAME

PERIOD

**MONTH**

MONTH	HOURS (L.S.T)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	47.5	6.6	6.7	5.5	3.7	3.4	2.8	3.9	5.4	1.9	12.6	3.0	2231
	03-05	35.5	8.2	8.2	6.5	5.9	3.6	3.2	4.3	5.7	3.2	15.6	3.7	2292
	06-08	18.7	8.3	7.7	7.7	6.2	5.5	4.5	6.6	8.3	6.6	20.0	5.0	2325
	09-11	20.2	9.0	7.9	7.0	6.2	5.3	3.5	6.5	9.9	6.5	17.9	4.8	2323
	12-14	11.1	7.0	7.9	8.1	10.1	9.4	6.2	8.9	10.5	6.1	14.7	5.2	2323
	15-17	10.7	7.1	9.2	10.9	10.3	9.4	6.4	8.3	9.8	5.6	11.9	4.9	2325
	18-20	19.7	12.8	11.1	9.6	6.5	5.6	4.5	6.9	7.1	5.9	10.1	4.0	2323
	21-23	39.5	9.8	9.6	6.8	4.6	3.5	3.5	3.4	4.2	2.3	12.6	3.1	2290
TOTALS		25.4	8.6	8.5	7.8	6.7	5.7	4.3	6.1	7.6	4.8	14.4	4.2	18432

**USAFETAC**

FORM  
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SKY COVER

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

46-70  
PERIOD

AUG  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	54.6	5.3	6.0	4.3	3.2	3.2	1.9	3.7	4.8	2.0	11.6	2.7	2232
	03-05	47.6	5.6	6.3	5.5	4.1	3.5	2.7	4.4	3.7	2.4	14.0	3.1	2291
	06-08	24.4	9.9	8.4	7.5	5.6	5.5	3.2	5.8	6.8	5.1	17.9	4.4	2322
	09-11	26.9	9.7	6.5	6.8	5.4	6.4	4.6	6.6	8.4	4.7	14.0	4.2	2322
	12-14	15.3	8.8	8.3	8.6	8.6	8.1	6.0	8.6	10.3	6.0	11.3	4.7	2324
	15-17	13.9	7.7	9.1	10.6	10.6	9.5	6.8	7.6	8.4	6.0	9.8	4.6	232
	18-20	24.2	11.3	10.8	9.0	7.6	5.3	5.5	5.8	6.2	4.6	9.6	3.8	2325
	21-23	46.3	8.3	7.4	5.8	3.6	4.1	4.1	4.3	4.8	2.3	9.2	2.8	2294
TOTALS		31.6	8.4	7.9	7.3	6.1	5.7	4.4	5.9	6.7	4.1	12.2	3.8	18434



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SKY COVER

13945

FORT SILL OKLAHOMA/POST FLD

46-70

SEP

STATION

STATION NAME

PERIOD

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	57.0	3.6	4.6	3.1	2.5	1.6	2.1	2.9	3.5	1.8	17.2	2.9	2250
	03-05	52.1	5.3	4.0	4.3	2.4	2.0	2.1	2.0	3.7	2.0	20.1	3.2	2249
	06-08	33.1	8.4	6.3	4.5	4.3	3.1	2.4	4.4	5.9	4.9	22.8	4.3	2250
	09-11	33.0	8.6	4.7	5.3	4.9	3.8	3.0	4.0	5.4	4.9	22.5	4.3	2250
	12-14	25.0	7.7	6.8	6.4	6.3	5.5	5.6	6.5	6.3	5.3	18.5	4.6	2250
	15-17	25.3	8.6	8.9	7.4	6.4	5.0	5.1	5.4	6.8	5.1	16.0	4.3	2249
	18-20	38.8	10.0	7.0	5.6	3.9	3.6	2.8	3.3	5.6	4.7	14.7	3.5	2250
	21-23	53.9	4.8	4.9	4.4	2.7	2.0	3.0	3.2	3.2	1.9	16.0	2.9	2250
TOTALS		39.8	7.1	5.9	5.1	4.2	3.3	3.3	4.0	5.1	3.8	18.5	3.8	17998

USAFETAC

FORM  
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## SKY COVER

13945 FORT SILL OKLAHOMA/POST FLD

46-70

OCT

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	58.1	3.1	4.0	3.4	3.1	1.6	1.6	2.0	2.7	1.0	19.4	2.9	2325
	03-05	55.9	3.3	4.0	3.6	2.2	1.7	1.7	1.9	2.8	1.4	21.6	3.1	2324
	06-08	37.5	7.0	6.2	4.4	3.2	3.3	2.9	3.6	4.8	3.4	23.7	4.1	2321
	09-11	34.5	7.2	5.6	4.7	3.6	3.9	3.4	3.9	4.6	4.2	24.3	4.3	2325
	12-14	33.7	7.4	4.6	5.6	4.5	2.8	4.5	4.7	6.3	5.0	20.7	4.3	2323
	15-17	34.1	7.7	6.7	5.8	4.3	3.7	3.5	4.9	6.5	4.8	17.9	4.0	2324
	18-20	44.1	6.3	6.3	4.3	3.9	3.3	2.7	4.2	4.7	3.1	17.1	3.5	2325
	21-23	55.7	4.6	4.9	3.5	3.0	1.7	2.3	2.0	3.0	1.5	17.8	2.9	2325
TOTALS		44.2	5.8	5.3	4.4	3.5	2.8	2.8	3.4	4.4	3.1	20.3	3.6	18592

USAFETAC

FORM  
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/HAC

# SKY COVER

13945

FORT SILL OKLAHOMA/POST FLD

46-70

NOV

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	54.6	3.4	4.0	3.9	2.4	1.6	1.6	2.2	2.6	1.4	22.4	3.2	2250
	03-05	54.1	2.9	3.7	3.0	2.4	1.8	2.8	2.4	2.8	1.4	22.5	3.3	2250
	06-08	35.4	7.2	5.2	5.1	3.3	2.4	2.6	4.5	5.3	4.4	24.5	4.3	2250
	09-11	31.2	7.5	4.9	3.9	2.7	2.9	3.4	3.8	6.2	5.7	27.9	4.8	2250
	12-14	29.5	7.7	6.6	4.4	3.7	3.1	3.6	4.3	6.5	5.2	25.4	4.7	2248
	15-17	30.4	7.6	5.1	4.7	4.2	3.8	3.6	4.2	6.3	5.1	25.0	4.7	2250
	18-20	37.9	8.0	7.1	5.3	4.2	2.8	3.8	2.8	4.3	2.7	21.1	3.8	2249
	21-23	52.0	4.3	5.2	4.3	2.6	1.8	2.5	2.5	2.5	1.5	20.7	3.2	2248
TOTALS		40.6	6.1	5.2	4.3	3.2	2.5	3.0	3.3	4.6	3.4	23.7	4.0	17995

USAFETAC

FORM  
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

## SKY COVER

DEC

KONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	49.1	3.7	3.4	3.2	2.8	1.8	1.9	2.3	2.9	1.5	27.3	3.8	2323
	03-05	47.5	3.4	2.8	3.1	2.5	2.2	1.6	2.4	2.6	1.6	30.3	4.0	2324
	06-08	32.3	6.4	4.8	4.5	2.6	1.8	3.3	3.7	4.8	3.1	32.6	4.9	2322
	09-11	24.4	7.0	5.3	4.4	3.1	3.4	2.5	4.4	5.7	4.4	35.4	5.5	2322
	12-14	24.4	7.8	5.7	4.1	3.0	2.8	3.7	4.7	6.2	4.4	33.1	5.3	2324
	15-17	24.6	7.7	5.1	5.0	3.4	2.9	3.4	5.0	6.9	5.6	30.4	5.3	2322
	18-20	33.7	6.2	6.6	4.9	3.8	2.8	3.2	4.2	4.3	3.1	27.1	4.5	2325
	21-23	46.6	3.7	5.2	3.4	3.2	2.4	2.3	3.1	3.4	1.7	24.8	3.7	2325
TOTALS		35.4	5.7	4.9	4.1	3.1	2.5	2.7	3.7	4.6	3.2	30.1	4.6	18587

FORM 0-9-5 (OL A)  
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

**NOTE:** Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

**NOTE:** The following symbols are used in the extreme data blocks:

- (1) \* indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse



3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the raw count of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ( $\sum X^2$ ), sums of values ( $\sum X$ ), means ( $\bar{X}$ ), and standard deviations ( $\sigma_x$ ). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

USAF ETAC  
AIR WEATHER SERVICE/MAC

13945 FORT SILL OKLAHOMA/POST FLD

39-42, 44-72

## DAILY TEMPERATURES

STATION

STATION NAME

**YEARS**

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM DAILY OBSERVATIONS)

MAXIMUM

[illegible]

USAFETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

13945 FORT SILL OKLAHOMA/POST FLD

39-42, 44-72

## DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG	SEP.	OCT.	NOV.	DEC	ANNUAL
80						.9	2.4	1.3	.1				.4
75					.5	10.9	25.7	20.0	2.5				5.0
70				.1	4.2	43.7	75.9	67.1	23.5	1.5			18.0
65			.1	5.2	21.7	75.0	95.5	91.1	48.5	8.5	.1		28.9
60	.2	.1	1.2	17.4	52.0	91.9	99.0	98.0	70.2	21.0	1.7	.1	38.0
55	.5	.3	5.6	36.7	75.4	98.0	100.0	99.8	86.6	41.0	6.0	.5	46.2
50	1.1	2.3	13.8	56.6	90.0	99.9		100.0	96.2	61.9	13.1	2.8	53.6
45	4.4	7.2	28.6	74.5	96.7	100.0			99.1	81.4	26.5	6.2	60.8
40	10.4	19.6	47.5	88.7	99.5				100.0	93.5	46.3	15.4	68.8
35	24.6	39.2	66.7	96.1	100.0					98.7	70.0	35.0	77.8
30	31.3	48.7	75.0	98.0						99.3	78.0	45.7	81.6
25	45.8	62.8	85.5	99.0						99.8	88.2	62.7	87.1
20	65.1	82.8	94.4	99.9						100.0	95.2	81.9	93.3
15	79.9	92.9	98.5	100.0							98.7	93.3	97.0
10	88.9	98.5	99.2								99.8	97.5	98.7
5	94.9	99.8	99.7								100.0	99.4	99.5
0	98.3		99.8									100.0	99.8
-5	99.6	100.0	100.0										100.0
-10	99.9												100.0
-10	100.0												100.0
MEAN	27.7	32.2	39.1	50.6	59.0	68.0	71.9	70.7	63.4	52.4	39.2	31.7	50.5
S D.	10.211	8.506	9.530	8.759	6.977	5.674	4.089	4.510	7.315	8.476	8.941	8.244	17.329
TOTAL OBS	961	876	961	959	992	960	942	976	960	992	930	992	11501

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

13945 FORT SILL OKLAHOMA/POST FLD

STATION

STATION NAME

39-42, 44-72

YEARS

## DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
95								.2					.0
90						1.9	7.4	8.9	.9				1.6
85				.1	1.2	18.1	44.8	37.0	7.4	.1			9.1
80				.6	8.2	49.3	78.3	73.1	31.5	2.0			20.3
75			.5	5.9	28.4	77.2	94.7	93.4	55.6	10.5			30.7
70			4.2	22.0	55.1	92.5	99.5	98.5	77.4	29.1	1.0		40.2
65	.2	1.3	9.5	41.2	78.2	98.0	100.0	99.8	91.2	49.5	6.9	.2	48.4
60	1.8	4.1	21.4	63.7	92.2	99.9		100.0	97.5	72.1	17.4	2.7	56.5
55	6.2	12.8	39.1	79.7	97.7	100.0			99.4	87.4	34.1	8.1	64.1
50	16.5	29.8	57.4	92.7	99.6				99.9	95.8	54.5	22.1	72.7
45	31.7	47.0	74.2	97.5	100.0				100.0	99.0	73.5	43.2	80.8
40	52.5	64.8	85.5	99.4						99.8	88.6	64.1	88.1
35	67.8	81.2	94.8	99.8						100.0	96.2	80.7	92.5
30	79.4	92.6	98.1	100.0							98.6	91.1	96.7
25	87.2	96.8	99.1								100.0	96.7	98.3
20	93.1	99.4	99.6									98.6	99.2
15	96.7	99.9	99.9									100.0	99.7
10	99.7	100.0	100.0										100.0
5	100.0												100.0
MEAN	38.7	43.5	51.1	62.2	70.1	78.9	83.3	82.6	75.1	64.3	50.6	42.4	61.9
S.D.	11.303	9.744	10.465	8.557	7.124	6.065	4.901	5.235	7.396	8.239	9.096	9.135	17.655
TOTAL OBS	961	876	961	959	992	960	942	975	960	992	930	992	11501

DATA PROCESSING BRANCH  
USAF/ETAC/DL A  
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13945 FORT SILL OKLAHOMA/POST FLD

39-42, 44-72

YEARS

## WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
39				* 95	107	106	108	108	107	97	80	79	
40	64	84	96	92	95	95	102	104	100	94	75	70	104
41	72	73	78	84	91	95	103	102	99	89	81	70	102
42	74	79	85	89	94	102							
44								107	100	88	83	64	
45	70	72	84	80	93	99	101	104	102	83	87	69	104
46	77	80	92	92	94	97	110	107	95	85	76	75	110
47	71	73	83	87	96	102	104	105	107	94	78	70	107
48	68	72	80	94	94	102	101	105	104	90	77	80	105
49	70	67	75	89	93	100	103	101	96	93	82	70	103
50	83	77	81	95	90	97	93	98	93	93	82	78	93
51	74	82	88	91	98	96	102	108	108	100	81	80	108
52	78	79	86	89	99	101	102	108	101	94	83	70	104
53	76	71	84	90	105	112	103	109	105	95	73	64	112
54	73	83	89	97	89	99	109	106	103	95	81	81	109
55	65	79	91	95	95	95	106	102	96	86	82	87	102
56	70	85	92	93	99	108	104	109	104	96	80	78	109
57	76	82	81	84	87	95	104	103	97	90	78	72	104
58	64	71	68	90	102	105	100	102	99	92	79	70	105
59	73	78	90	93	93	100	95	102	95	86	76	70	102
60	70	77	88	93	91	104	102	102	99	90	78	66	104
61	64	74	85	91	91	95	103	101	101	86	76	68	102
62	72	84	82	87	92	92	99	108	97	90	74	72	104
63	65	75	91	92	101	97	104	105	100	93	83	67	105
64	76	63	82	92	91	97	104	109	98	89	72	69	109
65	75	77	74	88	84	93	103	101	103	94	82	74	102
66	68	67	98	90	97	97	104	107	91	93	82	82	107
67	80	74	93	93	98	101	104	102	92	85	80	71	104
68	70	66	79	83	91	96	97	102	95	91	80	68	102
69	73	74	80	84	84	98	103	104	95	90		76	
MEAN													
S. D.													
TOTAL OBS.													

NOTES: \* (BASED ON < FULL MONTHS)

0 (AT LEAST ONE DAY < 26 OBS)

USAF ETAC FORM 0-66-5 (DU)





DATA PROCESSING BRANCH  
USAF/ETAC/OL A  
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

## MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42, 44-72  
YEARS

### WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS	
39				*	25	42	34	66	61	43	33	24	15	
40	-2	20	22	27	46	53	58	54	41	34	16	21	-2	
41	22	24	24	37	51	58	63	65	47	35	28	21	21	
42	1	10	25	37	38	52								
44								56	52	38	21	20		
45	21	13	26	28	39	55	63	61	43	28	22	10	10	
46	13	14	31	40	40	46	66	56	46	36	28	10	10	
47	-6	16	17	24	42	50*	64*	70	50	44	28	20	-6	
48	8	13	1	36	45	59	66	59	47	32	21	19	1	
49	6	14	27	33	49	63	66	59	44	33	27	23	6	
50	9	20	17	34	49	55	64	60	52	45	14	5	5	
51	6	2	23	31	48	53	62	63	49	25	19	9	2	
52	17	26	23	29	42	60	57	70	52	32	23	22	17	
53	8	18	29	34	44	63	60	59	53	35	28	15	8	
54	9	24	22	30	39	50	70	66	52	32	30	14	9	
55	22	13	16	28	56	52	68	61	57	36	17	18	13	
56	14	17	21	32	50	56	63	54	51	37	18	17	14	
57	14	26	25	24	42	57	69	64	49	26	24	15	14	
58	19	10	27	36	49	56	62	60	48	40	29	7	7	
59	0	15	24	24	52	60	65	61	49	24	13	26	0	
60	15	11	10	37	38	60	62	61	55	35	26	19	10	
61	11	22	31	33	42	56	58	55	48	40	30	10	10	
62	-1	11	13	32	46	59	69	59	47	37	30	15	-1	
63	2	17	26	46	45	62	68	62	45	45	30	12	2	
64	8	21	22	34	49	51	65	58	43	37	20	8	8	
65	18	11	12	38	46	63	61	62	50	41	28	29	11	
66	0	16	25	35	41	58	69	57	49	36	27	15	0	
67	14	20	13	41	44	61	65	60	42	37	29	21	13	
68	6	17	22	34	48	58	65	61	51	37	28	6	6	
69	14	25	21	40	46	52	66	68	56	37		12		
MEAN														
S. D.														
TOTAL OBS.														

NOTES \*: (BASED ON < FULL MONTHS)

\* (AT LEAST ONE DAY < 24 OBS)

USAF ETAC FORM 0-88-5 (OI)

USAF ETAC FORM 0-8B-5 (OLI)



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD  
STATION STATION NAME

39-42,44-72  
YEARS

ALL  
MONTH  
ALL  
HOURS (L. S. T.)

PAGE 2

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
44/ 43	.2	.6	.7	.6	.4	.2	.0	.0										7315	7380	9643	8076		
42/ 41	.2	.6	.7	.6	.3	.1	.0											7083	7137	9203	8204		
40/ 39	.2	.7	.9	.6	.3	.1	.0											7275	7355	9423	8586		
38/ 37	.2	.8	.9	.6	.2	.0	.0											6773	6864	9028	8151		
36/ 35	.2	.8	.8	.4	.1	.0												6211	6297	8588	9411		
34/ 33	.2	.8	.7	.3	.1	.0												5559	5646	7515	9304		
32/ 31	.1	.8	.5	.2	.0	.0												4558	4633	7174	9930		
30/ 29	.1	.7	.4	.1	.0													3933	4003	5869	9088		
28/ 27	.1	.6	.4	.1	.0													2972	3027	4673	7418		
26/ 25	.1	.5	.3	.0	.0													2409	2461	3392	7788		
24/ 23	.1	.4	.2	.0														1898	1951	2753	6178		
22/ 21	.1	.3	.1	.0														1293	1342	2044	5153		
20/ 19	.0	.2	.1	.0														1013	1103	1470	3983		
18/ 17	.0	.2	.0	.0														728	761	1077	3613		
16/ 15	.0	.2	.0															591	614	738	2888		
14/ 13	.0	.1	.0															404	427	547	2121		
12/ 11	.0	.1	.0															301	313	414	1780		
10/ 9	.0	.1	.0															204	212	305	1232		
8/ 7	.0	.0	.0															134	136	163	987		
6/ 5	.0	.0																96	97	126	720		
4/ 3	.0	.0																63	63	81	480		
2/ 1	.0	.0																27	27	41	363		
0/ -1	.0	.0																12	12	11	281		
-2/ -3	.0	.0																5	5	8	164		
-4/ -5																					151		
-6/ -7	.0																	2	2	2	107		
-8/ -9																					63		
-10/-11																					32		
-12/-13																					18		
-14/-15																					8		
-18/-19																					1		
TOTAL	3.5	17.5	16.7	13.8	10.7	8.8	7.2	5.8	4.6	3.6	2.7	1.9	1.3	.9	.6	.3	.3	274484		272401			
																		272392		272411			
Element (X)	Σx <sup>2</sup>		Σx		Σ		Σ <sup>2</sup>		No. Obs.		Mean No. of Hours with Temperature											Total	
Rel. Hum.	1208425740		17254284		63.4		20.578		272354		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					8760		
Dry Bulb	1142860091		16881349		61.5		19.523		274484		.6	679.2	2884.1	2883.4	1711.4	386.0					8760		
Wet Bulb	851184353		14611391		53.6		15.738		272411		.7	1004.5	2497.3	844.1	6.4						8760		
Dew Point	688916077		12870503		47.2		17.223		272401		27.4	2090.2	1205.7	86.7	.4						8760		

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD

40-42,45-72

JAN  
MONTH

STATION

STATION NAME

YEARS

PAGE 1

ALL  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
84/ 83													.0					3	3						
80/ 79								.0		.0				.0				5	5						
78/ 77											.0	.0		.0				5	5						
76/ 75								.0	.0	.0	.0			.0				20	20						
74/ 73						.0	.0	.0	.0	.0	.0	.1	.0					40	40						
72/ 71					.0	.0	.0	.0	.0	.0	.1	.0	.0					64	64						
70/ 69				.0	.0	.1	.1	.1	.1	.1	.1	.1	.0					125	125						
68/ 67			.0	.1	.0	.0	.1	.1	.1	.1	.1	.0	.0					125	127	1					
66/ 65		.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0					194	196	3					
64/ 63	.0	.2	.1	.1	.1	.1	.1	.1	.2	.2	.1	.0						259	259	46	3				
62/ 61	.0	.2	.1	.1	.2	.1	.2	.3	.3	.2	.1	.0						339	343	122	54				
60/ 59	.1	.3	.2	.2	.2	.2	.3	.4	.1	.0								424	431	168	128				
58/ 57	.1	.3	.2	.3	.2	.3	.5	.3	.1	.0								469	478	196	116				
56/ 55	.1	.3	.2	.3	.3	.4	.4	.2	.0	.0								510	522	262	156				
54/ 53	.1	.4	.3	.3	.4	.5	.4	.3	.0									576	592	327	154				
52/ 51	.2	.5	.3	.3	.6	.6	.4	.1	.0									677	711	444	211				
50/ 49	.3	.8	.5	.6	.9	.6	.3	.1										896	909	604	326				
48/ 47	.4	.9	.6	.7	.9	.6	.2	.0										931	960	747	423				
46/ 45	.3	1.2	.7	1.1	1.0	.5	.1											1092	1114	932	501				
44/ 43	.5	1.2	1.0	1.3	.7	.4	.1											1167	1200	1166	552				
42/ 41	.6	1.1	1.4	1.3	.8	.2	.0											1170	1198	1161	620				
40/ 39	.5	1.3	2.1	1.3	.6	.1	.0											1321	1352	1316	708				
38/ 37	.6	2.1	1.8	1.5	.5	.1												1431	1472	1593	771				
36/ 35	.6	1.9	2.0	1.1	.3	.0												1321	1364	1627	1150				
34/ 33	.6	2.3	2.1	.9	.2	.0												1334	1389	1508	1316				
32/ 31	.5	2.6	1.8	.7	.1	.0												1271	1305	1635	1572				
30/ 29	.4	2.7	1.6	.5	.0													1165	1200	1497	1572				
28/ 27	.4	2.0	1.3	.2	.0													897	941	1304	1454				
26/ 25	.3	2.0	1.2	.2	.0													833	875	1003	1550				
24/ 22	.4	1.9	.9	.1														723	765	924	1302				
22/ 21	.3	1.5	.5	.1														535	577	766	1143				
20/ 19	.3	1.4	.5	.0														520	597	619	964				
18/ 17	.3	1.2	.3	.0														395	417	522	1068				
16/ 15	.2	1.2	.3															359	381	418	810				
Element (X)	$\Sigma x^2$		$\Sigma x$		$\bar{x}$		$\sigma_x$		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											$\leq 0 F$		$\leq 32 F$		$\geq 67 F$		$\geq 73 F$		$\geq 80 F$		$\geq 93 F$		Total		
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD  
STATION STATION NAME

40-42,45-72  
YEARS

JAN  
MONTH

PAGE 2

ALL  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
14/ 13	.2	1.0	.1															283	306	342	623			
12/ 11	.1	.8	.0															213	225	295	598			
10/ 9	.1	.6	.0															161	169	230	450			
8/ 7	.1	.4																111	113	134	423			
6/ 5	.1	.3																82	83	108	331			
4/ 3	.0	.2																49	49	64	261			
2/ 1	.1	.0																20	20	30	234			
0/ -1	.0	.0																12	12	11	194			
-2/ -3	.0	.0																5	5	8	118			
-4/ -5																					105			
-6/ -7	.0																	2	2	2	79			
-8/ -9																					41			
-10/-11																					30			
-12/-13																					17			
-14/-15																					7			
TOTAL	8.0	34.9	22.6	13.2	8.2	4.9	3.3	1.9	1.0	.6	.4	.1	.0	.0				22134	22921		22135			
Element (X)	Σ x <sup>2</sup>		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.	111206777		1507105		68.1		19.688		22132		≤ 0 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F		Total	
Dry Bulb	36777613		864923		37.7		13.438		22921		.6		261.0		12.6		2.4		.2				744	
Wet Bulb	28220859		748653		33.8		11.446		22135		.7		333.2		.0								744	
Dew Point	19999734		600132		27.1		12.979		22135		19.9		502.4										744	

USAF ETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD

40-42,45-72

FEB  
MONTH

PAGE 1

ALL  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
86/ 85													.0	.0				3	3		
84/ 83											.0	.0	.0	.0				12	12		
82/ 81									.0	.0	.0	.0	.0	.0				22	22		
80/ 79							.0	.0	.0	.0	.0	.0	.0	.0				23	23		
78/ 77							.0	.0	.0	.0	.0	.1	.1	.0				46	46		
76/ 75					.0	.0	.0	.0	.1	.0	.0	.1	.0					64	64		
74/ 73					.0	.0	.0	.0	.1	.1	.1	.1	.1	.0				84	84		
72/ 71				.0	.0	.0	.1	.1	.1	.1	.1	.0	.0					108	108		
70/ 69			.0	.0	.0	.1	.1	.1	.1	.2	.1	.1						189	189	1	
68/ 67			.0	.0	.1	.1	.2	.1	.2	.2	.1	.0						235	235	2	
66/ 65		.0	.0	.1	.1	.2	.2	.3	.3	.1	.1							298	298	18	2
64/ 63		.1	.1	.2	.2	.3	.3	.4	.3	.1	.0							389	389	41	5
62/ 61	.0	.2	.2	.2	.2	.2	.4	.4	.3	.1	.0							461	461	100	20
60/ 59	.0	.3	.2	.2	.2	.4	.6	.5	.3	.1								566	566	214	65
58/ 57	.1	.2	.2	.3	.4	.5	.5	.4	.2	.0								593	593	280	128
56/ 55	.1	.4	.3	.3	.5	.6	.6	.4	.1	.0								716	716	392	172
54/ 53	.2	.4	.4	.4	.7	.7	.6	.2	.0									743	743	539	231
52/ 51	.2	.6	.5	.6	.7	.9	.5	.2										851	853	618	296
50/ 49	.5	.8	.6	.9	1.0	.9	.4	.2										1099	1099	907	451
48/ 47	.5	.7	.8	1.2	1.0	.7	.3	.1										1090	1095	976	484
46/ 45	.3	1.0	1.1	1.3	1.0	.5	.2	.0										1132	1138	1115	498
44/ 43	.5	1.2	1.3	1.3	.9	.4	.1	.0										1177	1187	1263	617
42/ 41	.6	1.5	1.6	1.4	.9	.4	.0											1312	1321	1496	789
40/ 39	.4	1.8	2.0	1.3	.8	.2	.0											1341	1371	1507	972
38/ 37	.5	2.0	1.8	1.4	.5	.1												1298	1321	1595	1136
36/ 35	.4	2.3	1.9	1.1	.3	.0												1239	1268	1602	1355
34/ 33	.4	2.3	2.0	.9	.2	.0												1210	1219	1487	1454
32/ 31	.5	2.1	1.6	.6	.1													998	1019	1484	1599
30/ 29	.4	2.1	1.3	.5	.0													892	913	1234	1586
28/ 27	.3	1.6	1.2	.2	.0													699	705	1050	1268
26/ 25	.4	1.4	.9	.1														566	573	837	1401
24/ 23	.3	1.1	.6	.0														423	433	629	1203
22/ 21	.2	.9	.3	.0														289	295	497	1052
20/ 19	.1	.7	.1	.0														199	208	320	854
Element (X)	Σx²		Σx		X̄		σx		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

## PSYCHROMETRIC SUMMARY

40-42, 45-72

FEB  
MONTH

PAGE 2

ALL  
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD 40-42,45-72

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27	28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
102/101																		.0	1	1				
100/ 99																		.0	1	1				
98/ 97																		.0	1	1				
96/ 95																	.0	.0	4	4				
94/ 93														.0			.0	.0	4	4				
92/ 91												.0	.0	.0			.0	.0	16	16				
90/ 89											.0	.0	.0	.0			.0	.1	.0	28	28			
88/ 87											.0	.0	.0	.0			.0	.0	.0	37	37			
86/ 85									.0	.0	.0	.0	.1	.0			.0	.0	.0	55	55			
84/ 83								.0	.0	.0	.1	.0	.1	.0			.0	.0	.0	75	75			
82/ 81						.0	.0	.0	.1	.1	.1	.1	.1	.1			.0			118	118			
80/ 79					.0	.0	.0	.1	.1	.1	.1	.1	.1	.0			.0			180	180			
78/ 77					.0	.0	.1	.1	.1	.2	.1	.2	.1	.1						236	236			
76/ 75				.0	.0	.1	.1	.1	.1	.2	.2	.2	.1	.0						260	260			
74/ 73			.0	.0	.0	.1	.2	.2	.2	.3	.2	.2	.1	.0						332	332			
72/ 71		.0	.0	.0	.1	.2	.2	.2	.2	.3	.3	.1	.0							409	409	7		
70/ 69		.0	.0	.1	.2	.2	.2	.3	.3	.4	.3	.1	.0							492	492	22	5	
68/ 67	.0	.0	.1	.2	.3	.2	.		.4	.5	.3	.0	.0							639	639	72	10	
66/ 65	.0	.1	.3	.3	.3	.4	.5		.5	.4	.2	.0								792	792	173	23	
64/ 63	.0	.2	.3	.4	.4	.4	.5		.5	.4	.1									845	845	311	54	
62/ 61	.0	.3	.4	.4	.3	.5	.5	.6	.5	.2	.0									894	894	454	132	
60/ 59	.1	.4	.5	.4	.6	.6	.7	.6	.4	.1										1006	1012	632	244	
58/ 57	.1	.6	.6	.6	.6	.7	.8	.5	.3	.1										1123	1124	779	381	
56/ 55	.2	.7	.7	.7	.8	.7	.8	.5	.1	.0										1191	1191	980	492	
54/ 53	.1	.8	.7	.8	.9	1.0	.7	.3	.1											1240	1240	1113	608	
52/ 51	.2	.8	.7	.9	1.0	.9	.5	.2	.0											1157	1157	1369	666	
50/ 49	.3	.8	.9	1.1	1.0	.8	.5	.1												1265	1265	1409	741	
48/ 47	.2	.7	1.1	1.2	1.1	.6	.3	.0												1212	1212	1536	766	
46/ 45	.3	1.0	1.0	1.3	1.0	.5	.2	.0												1244	1244	1675	889	
44/ 43	.2	1.0	1.4	1.1	.9	.3	.1													1157	1157	1602	1021	
42/ 41	.2	1.1	1.3	1.2	.7	.3	.0													1138	1138	1588	1075	
40/ 39	.3	1.4	1.5	1.2	.6	.2	.0													1177	1177	1618	1339	
38/ 37	.2	1.4	1.3	1.1	.4	.1														1018	1018	1516	1317	
36/ 35	.2	1.4	1.5	.8	.3															950	950	1393	1645	
Element (X)	Σ X <sup>2</sup>			Σ X			Σ			Σ			No. Obs			Mean No. of Hours with Temperature								
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

MAR  
MONTH

ALL

**ALL**  
**HOURS 11 - 5 - 7 - 9**

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

APR  
MONTH

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL														
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
100/ 99																.0	.0	2	2																	
98/ 97																.0	.0	4	4																	
96/ 95														.0	.0	.0	.0	10	10																	
94/ 93											.0	.0	.0	.0	.0	.0	.0	19	19																	
92/ 91										.0	.0	.0	.0	.0	.0	.0	.0	58	58																	
90/ 89									.0	.0	.0	.1	.1	.1	.1	.0	.0	97	97																	
88/ 87								.0	.0	.1	.1	.1	.1	.1	.1	.0		157	157																	
86/ 85							.0	.1	.2	.1	.1	.2	.2	.1	.1	.0		239	239																	
84/ 83						.0	.1	.2	.2	.2	.2	.1	.1	.1	.1	.0		298	298																	
82/ 81					.0	.1	.2	.3	.2	.2	.3	.2	.2	.1	.0			410	410																	
80/ 79				.0	.1	.3	.4	.4	.3	.3	.2	.3	.1	.1	.0			552	552																	
78/ 77			.0	.1	.2	.4	.5	.4	.4	.2	.4	.2	.1	.1				687	688																	
76/ 75		.0	.0	.2	.5	.5	.5	.5	.4	.3	.3	.2	.1	.0				783	783	3																
74/ 73		.0	.1	.4	.5	.6	.5	.4	.4	.4	.3	.2	.1					902	902	41																
72/ 71		.1	.4	.7	.7	.5	.6	.4	.5	.4	.3	.1	.0					1046	1050	180																
70/ 69	.0	.3	.9	.9	.7	.7	.5	.5	.5	.4	.2	.1						1305	1307	470																
68/ 67	.0	.6	1.2	1.0	.6	.5	.5	.6	.5	.4	.1	.0						1376	1382	850																
66/ 65	.1	1.2	1.4	.8	.7	.7	.6	.6	.5	.2	.0	.0						1550	1550	1316																
64/ 63	.2	1.2	1.1	.8	.7	.7	.8	.6	.4	.2	.1							1522	1522	1519																
62/ 61	.2	1.5	.8	.8	.7	.7	.7	.5	.3	.1	.0							1448	1448	1684																
60/ 59	.3	1.4	.9	.8	1.0	.9	.5	.5	.2	.1								1491	1491	1646																
58/ 57	.3	1.4	.9	1.0	.9	.9	.6	.3	.1	.0								1453	1454	1701																
56/ 55	.2	1.0	1.0	1.0	1.0	.8	.5	.2	.1	.0								1304	1306	1613																
54/ 53	.1	.9	.3	1.1	.8	.6	.3	.1	.0									1072	1075	1656																
52/ 51	.1	.7	1.0	1.0	.9	.5	.2	.1										1012	1014	1693																
50/ 49	.2	.7	1.0	1.0	.8	.4	.1	.0										925	925	1626																
48/ 47	.2	.7	.9	.8	.6	.2	.1	.0										800	800	1498																
46/ 45	.1	.7	.7	.6	.4	.1	.0											594	594	1343																
44/ 43	.1	.5	.8	.4	.3	.1	.0											492	492	1126																
42/ 41	.1	.5	.7	.3	.1	.0												393	393	859																
40/ 39	.1	.4	.4	.3	.1	.0												290	290	691																
38/ 37	.0	.2	.2	.2	.0													168	168	464																
36/ 35	.0	.1	.1	.1	.0													103	103	293																
34/ 33	.0	.1	.1	.1														63	63	171																
Element (X)	Σ x <sup>2</sup>			Σ x			Σ			Σ x			No. Obs.			Mean No. of Hours with Temperature																				
Rel. Hum.																≥ 0 F			≥ 32 F			≥ 67 F			≥ 73 F			≥ 80 F			≥ 93 F			Total		
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD  
STATION STATION NAME

22-42,45-72  
YEARS

APR  
MONTH

PAGE 2

ALL  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point	
32/ 31	.0	.1	.0	.0														38	38	129	751	
30/ 29	.0	.1	.0															30	30	80	533	
28/ 27	.0	.0	.0															11	11	40	395	
26/ 25		.0																5	5	12	432	
24/ 23		.0																1	1	6	257	
22/ 21																					204	
20/ 19																					118	
18/ 17																					85	
16/ 15																					39	
14/ 13																					33	
12/ 11																					15	
10/ 9																					5	
TOTAL	2.4	14.6	15.6	14.5	12.2	10.1	8.1	6.8	5.1	3.7	2.8	1.8	1.1	.7	.4	.2	.1	22710	22731	22710	22710	

USAFETAC FORM 71 JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD

39-42,45-72

MAY  
MONTH

PAGE 1

ALL  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
106/105																	.0	1	1					
104/103																.0	.0	7	7					
102/101														.0		.0	.0	10	10					
100/ 99												.0	.0	.0	.0	.0	.0	18	18					
98/ 97											.0	.1	.0	.0	.0	.0	.0	44	44					
96/ 95										.0	.1	.0	.0	.1	.1	.0	.0	77	77					
94/ 93									.0	.0	.1	.1	.1	.1	.0	.0	.0	124	124					
92/ 91								.0	.1	.2	.2	.2	.1	.1	.0	.0	.0	224	224					
90/ 89						.0	.0	.1	.3	.3	.3	.2	.1	.1	.1		.0	371	371					
88/ 87					.0	.0	.1	.3	.4	.4	.3	.2	.1	.1	.1	.0		481	481					
86/ 85					.0	.1	.4	.7	.6	.5	.3	.2	.1	.1	.0			722	722					
84/ 83				.0	.1	.4	.7	.8	.5	.4	.3	.2	.1	.0	.0			846	846					
82/ 81			.0	.1	.3	.6	1.0	.7	.6	.4	.3	.1	.1	.0	.0			997	997					
80/ 79			.0	.2	.6	1.0	1.0	.8	.4	.4	.3	.2	.0	.0				1164	1165	5				
78/ 77		.0	.1	.4	1.0	1.0	1.0	.6	.4	.3	.2	.1	.0					1242	1243	48	3			
76/ 75		.0	.3	1.0	1.3	1.1	.8	.5	.4	.3	.2	.0	.0					1449	1451	276	10			
74/ 73	.0	.1	.7	1.6	1.3	.9	.7	.5	.4	.2	.1	.0	.0					1557	1557	661	51			
72/ 71	.0	.4	1.3	1.7	1.2	.8	.6	.5	.3	.2	.1	.0						1675	1675	1323	234			
70/ 69	.1	.8	2.1	1.6	1.1	.7	.5	.5	.3	.1	.0							1834	1838	2025	710			
68/ 67	.1	1.3	2.1	1.4	.8	.6	.5	.3	.1	.1	.0							1740	1743	2356	1347			
66/ 65	.2	1.8	1.9	1.3	.7	.5	.4	.2	.1	.0	.0							1711	1712	2760	1983			
64/ 63	.4	2.2	1.7	1.0	.6	.5	.3	.1	.0	.0								1635	1638	2565	2462			
62/ 61	.5	2.1	1.2	1.0	.5	.4	.2	.1	.0	.0								1415	1419	2434	2509			
60/ 59	.5	1.8	1.0	.8	.5	.3	.1	.0	.0									1217	1218	2302	2278			
58/ 57	.2	1.3	1.0	.7	.4	.2	.1	.0	.0									962	962	1722	2270			
56/ 55	.2	.9	.8	.5	.3	.1	.0	.0										672	672	1449	1705			
54/ 53	.2	.7	.6	.4	.2	.0	.0	.0										519	520	1156	1436			
52/ 51	.2	.5	.4	.3	.1	.0	.0											332	334	912	1371			
50/ 49	.1	.3	.3	.2	.0	.0	.0											237	237	621	1106			
48/ 47	.0	.2	.2	.1	.0	.0												137	137	402	948			
46/ 45	.0	.3	.3	.1	.0													148	148	262	867			
44/ 43	.0	.1	.1	.0	.0													52	52	208	693			
42/ 41		.1	.0	.0														33	33	100	550			
40/ 39		.0	.0	.0														11	11	57	446			
Element (X)	Σ X <sup>2</sup>		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total	
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 72 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																								
Wet Bulb																								
D. w. Point																								

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

## PSYCHROMETRIC SUMMARY

YEARS

MAY  
MONTH

PAGE 2

ALL  
HOURS (L. S. T.)

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD

39-42,45-72

JUN  
MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
112/111																	.0	1	1						
110/109																	.0	1	1						
108/107																	.0	6	6						
106/105																.0	.0	11	11						
104/103														.0	.0	.1	.0	36	36						
102/101													.0	.1	.1	.1	.0	78	78						
100/ 99										.0	.0	.1	.3	.2	.1	.1	.0	195	195						
98/ 97									.0	.1	.2	.3	.5	.2	.1	.0		313	313						
96/ 95									.1	.3	.6	.8	.4	.2	.1			517	517						
94/ 93							.0	.1	.3	.8	.9	.4	.3	.1	.0			667	667						
92/ 91						.0	.1	.4	.9	1.2	.8	.3	.2	.0				894	894						
90/ 89					.0	.1	.4	1.0	1.5	1.3	.6	.3	.1	.0				1203	1203						
88/ 87					.0	.3	.8	1.4	1.3	.8	.4	.2	.0					1202	1202						
86/ 85					.1	.8	1.5	1.7	1.0	.4	.2	.0						1314	1314						
84/ 83				.1	.4	1.4	1.7	1.4	.6	.3	.1	.0						1380	1381	1					
82/ 81			.0	.4	1.1	1.9	1.8	.8	.3	.1	.0	.0						1492	1492	18					
80/ 79			.2	1.0	1.8	2.2	1.2	.5	.2	.1	.1							1658	1658	144	2				
78/ 77		.1	.7	1.9	2.4	1.4	.8	.3	.2	.0	.0							1758	1758	667	19				
76/ 75	.0	.4	1.4	2.6	2.0	1.0	.5	.2	.1	.0								1860	1860	1940	145				
74/ 73	.0	.7	2.2	2.4	1.2	.6	.3	.1	.1	.0								1745	1745	3112	607				
72/ 71	.1	1.1	2.3	1.7	.9	.4	.2	.1	.0	.0	.0							1550	1550	3710	1383				
70/ 69	.1	1.8	2.0	1.4	.5	.2	.1	.0	.0	.0								1388	1388	4036	2746				
68/ 67	.2	1.8	1.7	.7	.3	.1	.1	.0	.0									1099	1099	2933	3815				
66/ 65	.4	1.5	1.2	.4	.2	.1	.0	.0										879	879	2224	3975				
64/ 63	.2	1.0	.6	.4	.1	.0	.0											555	555	1518	3194				
62/ 61	.1	.6	.3	.2	.1	.0	.0											312	312	895	2272				
60/ 59	.1	.4	.3	.2	.1	.0												257	257	572	1533				
58/ 57	.0	.3	.2	.1	.0	.0												136	136	380	974				
56/ 55	.0	.2	.1	.0	.0													74	74	233	740				
54/ 53		.1	.1	.0														39	39	143	513				
52/ 51		.0	.0	.0														10	10	72	287				
50/ 49		.0																4	4	22	185				
48/ 47																				11	126				
46/ 45																				3	61				
Element (X)	Σ x <sup>2</sup>			Σ x			Σ	Σ	No. Obs.			Mean No. of Hours with Temperature											Total		
Rel. Hum.												≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

## PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

ALL

HOURS (L. S. Y.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41,45-72  
YEARS

JUL  
MONTH

PAGE 1

ALL  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
110/109																	.0	3	3						
108/107																	.1	15	15						
106/105															.0	.1	.3	88	88						
104/103												.0	.0	.1	.2	.3	.2	192	192						
102/101											.0	.0	.1	.4	.6	.3	.1	339	339						
100/ 99										.0	.0	.2	.7	.8	.6	.1	.0	553	554						
98/ 97									.0	.0	.4	1.0	1.1	.9	.2	.0	.0	843	843						
96/ 95								.0	.0	.5	1.5	1.6	.9	.3	.1	.0		1118	1118						
94/ 93							.0	.1	.6	1.4	1.6	.9	.4	.1	.0			1160	1160						
92/ 91						.0	.1	.4	1.3	1.7	1.1	.5	.2	.0				1161	1161						
90/ 89					.0	.0	.4	1.4	1.6	1.3	.6	.3	.1	.0	.0			1310	1310						
88/ 87				.0	.0	.3	1.2	1.6	1.4	.7	.3	.1	.0					1276	1276						
86/ 85			.0	.0	.1	1.0	1.8	1.7	.9	.5	.2	.1						1454	1454						
84/ 83			.0	.1	.7	1.9	1.7	1.3	.7	.3	.1							1537	1537	2					
82/ 81		.0	.0	.4	1.7	2.0	1.5	.8	.3	.2	.0							1580	1580	29	1				
80/ 79		.0	.2	1.6	2.5	1.8	1.1	.4	.2	.1	.0							1773	1773	141	7				
78/ 77	.0	.2	1.3	2.5	1.9	1.4	.7	.2	.1	.0								1846	1846	1006	47				
76/ 75	.0	.7	2.6	2.4	1.6	.9	.3	.1	.0									1949	1951	3331	135				
74/ 73	.1	1.3	2.0	1.6	.7	.4	.1	.0	.0									1543	1543	4778	755				
72/ 71	.3	2.2	1.6	.8	.4	.2	.1	.0										1234	1234	4938	2373				
70/ 69	.3	1.6	.7	.5	.2	.1	.0											764	764	3767	4156				
68/ 67	.3	.6	.4	.3	.1	.1												383	383	2332	3978				
66/ 65	.1	.2	.2	.2	.1	.0												168	168	1084	3533				
64/ 63	.0	.1	.1	.0	.0													75	75	545	2489				
62/ 61	.0	.2	.1	.0	.0													54	54	278	1883				
60/ 59	.0	.1	.0	.0														30	30	154	1336				
58/ 57		.0																4	4	53	813				
56/ 55																				11	479				
54/ 53																				3	259				
52/ 51																					133				
50/ 49																					50				
48/ 47																					16				
46/ 45																					6				
42/ 41																					1				
Element (X)	Σ X <sup>2</sup>			Σ X			Σ			Σ			No. Obs.			Mean No. of Hours with Temperature							Total		
Rel. Hum.																≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																									
Wet Bulb																									
Dew Point																									

9477-54321  
FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71  
USAF ETAC

## PSYCHROMETRIC SUMMARY

JUL  
MONTH

ALL

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD

39-41,44-72

AUG  
MONTH

STATION

STATION NAME

YEARS

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
110/109																	.0	6	6			
108/107																	.2	46	46			
106/105															.0	.1	.3	117	117			
104/103												.0	.0	.1	.4	.3	.3	249	249			
102/101											.0	.0	.1	.5	.6	.3	.2	414	414			
100/ 99										.0	.0	.2	.6	.9	.5	.2	.1	600	600			
98/ 97								.0	.0	.1	.2	.6	1.1	.6	.3	.1	.1	717	717			
96/ 95								.0	.0	.2	.8	1.4	.8	.4	.2	.0	.0	934	934			
94/ 93							.0	.0	.3	.7	1.3	1.0	.5	.2	.1	.0	.0	993	993			
92/ 91							.0	.3	.7	1.4	1.3	.6	.4	.1	.0	.0	.0	1160	1161			
90/ 89						.0	.2	.7	1.5	1.6	.8	.5	.2	.1	.0			1316	1316			
88/ 87					.0	.1	.7	1.3	1.5	.9	.5	.3	.1	.0	.0			1294	1295			
86/ 85				.0	.1	.5	1.4	1.5	1.1	.7	.4	.2	.1	.0				1426	1427			
84/ 83			.0	.1	.3	1.3	1.6	1.5	.9	.4	.2	.1	.0					1516	1517	1		
82/ 81		.0	.0	.3	1.0	1.7	1.5	.8	.5	.2	.1	.0	.0					1476	1478	11		
80/ 79	.0	.0	.2	.9	1.8	2.1	1.1	.7	.4	.2	.1	.0						1771	1773	109	2	
78/ 77	.0	.1	.8	2.1	2.2	1.3	.9	.4	.2	.1	.0							1885	1890	621	17	
76/ 75	.0	.5	2.0	2.4	1.7	1.1	.6	.3	.1	.0	.0							2017	2017	2197	102	
74/ 73	.1	1.2	2.7	1.8	1.0	.7	.2	.1	.1	.0								1850	1850	4200	498	
72/ 71	.1	1.8	2.1	1.2	.7	.3	.2	.1	.0									1539	1539	4743	1372	
70/ 69	.1	1.2	1.2	.8	.5	.2	.1	.1	.0									1026	1026	4538	3193	
68/ 67	.1	.6	.7	.5	.2	.1	.1	.0										557	557	2863	3678	
66/ 65	.0	.2	.5	.3	.1	.1	.0											273	273	1808	3769	
64/ 63	.0	.2	.3	.1	.0	.0												176	176	1081	3041	
62/ 61		.2	.1	.1	.0	.0												104	104	671	2421	
60/ 59		.1	.1	.1	.0	.0												63	63	367	1729	
58/ 57		.1	.0	.0	.0													29	29	202	1323	
56/ 55		.1	.0	.0														19	19	117	901	
54/ 53		.0																1	1	43	510	
52/ 51																			12	369		
50/ 49																				1	266	
48/ 47																					138	
46/ 45																					119	
44/ 43																					72	
Element (X)	Σ x <sup>2</sup>		Σ x		Σ		Σ x		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																						
Wet Bulb																						
Dew Point																						

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71  
USAFETAC



## PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

ALL  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

SEP

STATION

STATION NAME

**YEARS**

**MONTH**

PAGE 1

ALL

HOURS (L, S, T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
108/107																	.0	6	6					
106/105																	.1	26	26					
104/103													.0	.0	.0	.1	.1	50	51					
102/101												.0	.0	.0	.0	.1	.1	61	61					
100/ 99										.0	.0	.1	.1	.2	.1	.1	.1	121	121					
98/ 97									.0	.0	.1	.2	.3	.2	.1	.1	.1	211	212					
96/ 95					.0			.0	.0	.1	.2	.3	.4	.3	.1	.1	.1	366	368					
94/ 93					.0		.0	.0	.1	.3	.5	.6	.4	.3	.1	.0	.1	528	534					
92/ 91				.0		.0	.0	.1	.3	.5	.6	.4	.3	.2	.1	.1	.0	620	631					
90/ 89				.0	.0	.0	.1	.3	.8	.6	.5	.4	.2	.1	.1	.0	.0	707	720					
88/ 87			.0	.0	.0	.1	.4	.6	.7	.7	.5	.3	.2	.1	.0	.0		820	841					
86/ 85	.0		.0	.0	.0	.3	.7	.9	.8	.6	.5	.3	.2	.1	.0	.0		989	1011	3	1			
84/ 83			.0	.0	.2	.6	.7	.8	.7	.6	.4	.2	.1	.1	.0			990	1004		2			
82/ 81		.0	.0	.1	.6	.9	1.0	.7	.5	.5	.4	.2	.1	.0	.0			1122	1143	12				
80/ 79		.0	.1	.4	1.0	1.0	.8	.7	.6	.4	.3	.1	.0	.0				1273	1305	36	6			
78/ 77	.0	.0	.3	1.0	1.2	.9	.8	.7	.6	.3	.2	.1	.0	.0				1411	1432	175	15			
76/ 75		.2	1.0	1.7	1.2	.9	.8	.7	.4	.3	.1	.0	.0					1657	1693	712	31			
74/ 73	.0	.6	1.5	1.6	1.1	.9	.7	.5	.3	.2	.1	.0	.0					1692	1727	1610	178			
72/ 71	.1	1.2	1.9	1.2	1.0	.8	.5	.4	.2	.1	.0	.0						1690	1720	2317	693			
70/ 69	.2	1.4	1.7	1.1	.9	.8	.5	.3	.2	.0	.0							1614	1658	2838	1523			
68/ 67	.1	1.3	1.2	1.1	.8	.5	.5	.3	.1	.0								1312	1352	2579	2132			
66/ 65	.2	1.3	1.4	.9	.8	.4	.3	.2	.0	.0								1276	1297	2265	2247			
64/ 63	.1	.9	1.1	.9	.5	.3	.3	.1	.0									958	976	2112	2022			
62/ 61	.1	.7	.8	.8	.4	.3	.2	.0	.0									757	777	1857	1880			
60/ 59	.1	.7	.9	.6	.5	.2	.1	.0										693	706	1500	1797			
58/ 57	.1	.7	.6	.4	.3	.1	.0	.0										509	520	1263	1734			
56/ 55	.0	.5	.5	.4	.2	.0	.0											389	406	1038	1612			
54/ 53	.0	.3	.3	.2	.1	.1	.0											247	255	736	1394			
52/ 51	.0	.2	.3	.2	.0	.0	</																	

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

SEP  
MONTH

ALL  
HOURS (L. S. T.)

[illegible]

U.S. SAFETY DATA SHEET FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

YEARS

POST

CCY  
MONTH

PAGE 1

ALL  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point							
100/ 99															.0			4	4								
98/ 97															.0			4	4								
96/ 95											.0	.0	.0	.0	.0	.0	.0	24	24								
94/ 93										.0	.0	.0	.0	.0	.0	.0	.0	51	58								
92/ 91									.0	.0	.0	.0	.1	.1	.0	.1	.1	102	107								
90/ 89								.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	161	165								
88/ 87						.0	.0	.1	.2	.1	.2	.1	.2	.1	.0	.0	.0	247	257								
86/ 85						.0	.1	.2	.2	.2	.2	.1	.2	.1	.0	.0	.0	311	320								
84/ 83			.0	.0	.1	.1	.2	.2	.3	.3	.3	.3	.2	.1	.0			453	463								
82/ 81			.0	.0	.1	.2	.3	.3	.4	.3	.3	.2	.1	.1				541	552								
80/ 79			.0	.1	.2	.3	.5	.4	.4	.4	.3	.3	.1	.0				688	702		1						
78/ 77			.1	.3	.3	.5	.4	.5	.4	.3	.3	.2	.1	.0				751	761	13	1						
76/ 75		.1	.2	.3	.5	.5	.4	.5	.4	.5	.2	.1	.0					863	880	68	6						
74/ 73	.0	.3	.4	.6	.6	.5	.5	.6	.5	.4	.2	.1	.1	.0				1028	1044	226	49						
72/ 71	.0	.4	.8	.7	.6	.5	.5	.5	.4	.3	.2	.1	.0					1166	1187	467	163						
70/ 69	.2	.8	1.0	.9	.6	.7	.6	.6	.5	.3	.1	.0	.0					1463	1476	835	317						
68/ 67	.2	.9	.8	.7	.7	.7	.7	.5	.3	.3	.1	.0						1319	1342	1227	627						
66/ 65	.2	.9	.9	.7	.9	.7	.7	.5	.3	.2	.0							1380	1406	1385	793						
64/ 63	.3	1.2	.9	.9	.8	.8	.5	.5	.3	.1	.0	.0						1417	1451	1461	968						
62/ 61	.3	1.4	.8	1.0	.9	.6	.5	.4	.2	.1	.0							1403	1423	1629	1154						
60/ 59	.4	1.3	1.1	1.0	1.0	.8	.5	.3	.1	.0								1493	1517	1722	1218						
58/ 57	.3	1.5	1.1	1.2	.8	.6	.5	.2	.1	.0								1395	1416	1856	1233						
56/ 55	.2	1.4	1.1	1.1	.7	.7	.2	.1	.0									1270	1278	1818	1280						
54/ 53	.3	.9	1.2	.9	.7	.4	.2	.1										1074	1078	1747	1468						
52/ 51	.1	.9	1.0	.9	.6	.3	.1	.0										888	889	1557	1330						
50/ 49	.2	1.0	1.0	.8	.6	.3	.1	.0										913	921	1443	1449						
48/ 47	.2	.8	.9	.6	.3	.1	.0											688	693	1329	1558						
46/ 45	.2	.7	.5	.6	.2	.1	.0	.0										516	522	1197	1515						
44/ 43	.1	.5	.5	.3	.1	.0												387	390	867	1274						
42/ 41	.1	.4	.5	.2	.1	.0												309	312	663	1193						
40/ 39	.0	.3	.3	.1	.0													175	175	493	1054						
38/ 37	.0	.2	.1	.1	.0													111	111	324	876						
36/ 35	.0	.1	.1	.0	.0													50	50	202	803						
34/ 33	.0	.1	.0	.0														24	24	89	704						
Element (X)	Σ X <sup>2</sup>			Σ X		Σ		Σ <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature															
Rel. Hum.																					≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

<u>13945</u>	<u>FORT SILL OKLAHOMA/POST FLD</u>
STATION	STATION NAME

39-41, 44-72

9CT  
MONTH

PAGE 2

ALL

ALL  
HOURS (L. S. T.)

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD

39-41,44-72

NOV  
MONTH

YEARS

PAGE 1

ALL  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
88/ 87										.0					.0			2	2					
86/ 85										.0								1	1					
84/ 83										.0	.0	.0	.0	.0				13	13					
82/ 81							.0	.0	.0	.0	.0	.1	.0	.0				41	42					
80/ 79						.0	.0	.0	.1	.1	.1	.1	.0	.0				86	86					
78/ 77					.0	.0	.1	.1	.1	.1	.1	.1	.0	.0				119	119					
76/ 75				.0	.0	.1	.2	.1	.1	.1	.1	.1	.0					208	208					
74/ 73			.0	.0	.1	.2	.2	.2	.2	.2	.2	.1	.0					298	299					
72/ 71		.0	.1	.1	.2	.2	.2	.3	.3	.2	.1	.0						379	379					
70/ 69		.1	.1	.2	.3	.3	.3	.3	.3	.2	.1	.0						487	487	32	1			
68/ 67	.0	.1	.2	.3	.3	.4	.3	.4	.3	.2	.0	.0						575	575	86	27			
66/ 65		.2	.3	.5	.4	.4	.4	.4	.4	.2	.0	.0	.0					727	727	170	75			
64/ 63	.0	.4	.4	.5	.3	.4	.5	.4	.4	.2	.0	.0						825	825	335	85			
62/ 61	.0	.5	.5	.5	.5	.5	.5	.4	.4	.1	.0	.0						882	883	468	192			
60/ 59	.1	.6	.6	.5	.6	.5	.5	.6	.3	.0								994	995	731	351			
58/ 57	.1	.8	.5	.6	.6	.7	.6	.5	.1	.0								1022	1024	815	435			
56/ 55	.1	.8	.7	.7	.8	.9	.7	.4	.1	.0								1188	1190	952	595			
54/ 53	.2	1.0	.7	.9	.8	1.0	.6	.3	.0									1227	1233	997	661			
52/ 51	.2	1.1	1.0	1.0	1.1	.7	.4	.2	.0									1310	1315	1205	650			
50/ 49	.4	1.0	1.3	1.3	1.1	.9	.3	.0										1442	1446	1378	854			
48/ 47	.2	1.1	1.3	1.5	1.2	.7	.2	.0	.0									1389	1398	1411	871			
46/ 45	.3	1.5	1.4	1.6	.9	.5	.2	.0										1497	1503	1733	949			
44/ 43	.4	1.7	1.6	1.4	.8	.3	.1											1441	1448	1876	1212			
42/ 41	.3	1.5	2.2	1.2	.6	.2	.0											1336	1343	1778	1338			
40/ 39	.5	1.4	2.2	1.0	.5	.1	.0											1298	1310	1858	1485			
38/ 37	.3	1.6	1.6	.9	.4	.1	.0											1105	1114	1615	1384			
36/ 35	.2	1.7	1.3	.6	.1	.0												900	906	1501	1635			
34/ 33	.1	1.2	1.0	.4	.1	.0												653	661	1155	1627			
32/ 31	.2	.9	.6	.3	.1													461	467	915	1677			
30/ 29	.1	.7	.5	.2	.0													349	357	652	1513			
28/ 27	.1	.3	.4	.1														190	192	432	1128			
26/ 25	.0	.4	.2	.0														156	156	263	1029			
24/ 23	.0	.2	.2	.0														108	108	199	679			
22/ 21	.1	.1	.0															53	53	112	569			
Element (X)	Σ X <sup>2</sup>		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total	
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

9477 54321

39-41, 44-72

NOV

**STATION**

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD

39-41,44-72

DEC  
MONTH

PAGE 1

ALL  
HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point								
88/ 87														.0				1	1									
86/ 85													.0					2	2									
82/ 81												.0	.0					3	3									
80/ 79										.0	.0	.0	.0					16	16									
78/ 77							.0		.0	.0	.0	.0	.0	.0				22	22									
76/ 75						.0		.0	.0	.0	.0	.0	.0					22	22									
74/ 73						.0	.0	.0	.0	.0	.0	.0	.0					41	41									
72/ 71			.0	.0		.0	.0	.1	.1	.0	.0	.0	.0					67	67									
70/ 69		.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0						113	113									
68/ 67		.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.0						184	184	5	1							
66/ 65		.0	.1	.1	.1	.1	.1	.1	.1	.1	.0							234	234	9	4							
64/ 63		.1	.1	.2	.1	.2	.2	.2	.2	.1	.0							328	328	28	7							
62/ 61	.0	.3	.2	.2	.1	.2	.2	.3	.2	.1								425	427	94	32							
60/ 59	.1	.5	.2	.2	.3	.3	.4	.4	.2	.0								624	626	260	98							
58/ 57	.1	.5	.3	.2	.3	.4	.5	.4	.1	.0								687	689	342	173							
56/ 55	.1	.5	.3	.3	.5	.7	.6	.3	.0	.0								776	780	366	270							
54/ 53	.1	.6	.4	.4	.6	.7	.5	.2	.0									848	852	467	291							
52/ 51	.2	.6	.5	.6	.7	.7	.5	.1										922	926	578	331							
50/ 49	.2	.7	.6	.8	1.0	.8	.3	.1										1046	1048	712	365							
48/ 47	.2	.8	.8	1.2	1.1	.8	.2	.0										1214	1215	947	401							
46/ 45	.4	1.2	1.0	1.7	1.3	.6	.1	.0										1472	1476	1257	535							
44/ 43	.4	1.2	1.6	1.4	1.0	.4	.1											1421	1433	1458	686							
42/ 41	.4	1.3	1.5	1.5	.8	.3	.0											1390	1397	1529	814							
40/ 39	.5	1.9	2.1	1.7	.7	.1												1662	1669	1875	985							
38/ 37	.4	2.0	2.4	1.6	.4	.0												1635	1653	1901	1136							
36/ 35	.5	2.7	2.4	1.2	.2													1645	1653	1961	1452							
34/ 33	.5	2.7	2.2	.8	.1													1511	1526	1926	1658							
32/ 31	.5	2.5	1.8	.5	.0													1256	1270	1901	2010							
30/ 29	.2	2.4	1.2	.4	.0													987	993	1537	1887							
28/ 27	.3	2.1	1.1	.2														864	867	1244	1689							
26/ 25	.3	1.7	.7	.1														679	682	915	1913							
24/ 23	.3	1.5	.4	.1														525	526	759	1515							
22/ 21	.2	.9	.3	.0														330	331	548	1294							
20/ 19	.1	.6	.2	.0														212	216	332	933							
Element (X)	$\Sigma X^2$				$\Sigma X$				$\bar{X}$				$\sigma_x$				No. Obs.				Mean No. of Hours with Temperature							
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	total	
Dry Bulb																												
Wet Bulb																												
Dew Point																												

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD

39-41,44-72

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
18/ 17	.1	.4	.1															139	142	241	791		
16/ 15	.0	.4	.0															102	102	125	703		
14/ 13	.0	.2	.0															64	64	108	425		
12/ 11	.0	.2	.0															53	53	68	354		
10/ 9	.0	.1	.0															28	28	45	233		
8/ 7	.0	.0	.0															16	16	22	187		
6/ 5		.0																3	3	11	137		
4/ 3																				1	85		
2/ 1																					52		
0/ -1																					37		
-2/ -3																					27		
-4/ -5																					31		
-6/ -7																					12		
-8/ -9																					13		
-10/-11																					1		
-12/-13																					1		
-18/-19																					1		
TOTAL	6.3	30.6	22.5	15.7	9.5	6.4	4.1	2.5	1.3	.6	.3	.1	.1	.0				23569	23696	23570			
																		23569		23571			
</																							

USAF ETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD  
STATION STATION NAME

40-42, 45-72  
YEARS

JAN  
MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point			
66/ 65			.0															1	1					
64/ 63		.2	.1	.0		.1												11	11					
62/ 61	.0	.4	.1		.0													17	17	11	5			
60/ 59	.1	.5	.2	.1	.1													28	28	18	10			
58/ 57	.1	.4		.3	.1	.0												23	23	26	16			
56/ 55	.1	.4	.2		.0	.1		.0										24	24	18	21			
54/ 53	.1	.4	.3		.1	.0	.0											28	28	20	16			
52/ 51	.4	.8	.1	.1	.3	.1	.0											53	55	33	23			
50/ 49	.3	.9	.3	.3	.4	.1												62	64	46	36			
48/ 47	.4	1.1	.6	.5	.5	.1	.0											89	90	42	45			
46/ 45	.5	1.3	1.1	.7	.7	.2												121	123	64	48			
44/ 43	.5	2.1	1.0	.9	.4	.1												141	145	102	57			
42/ 41	.7	1.4	2.1	1.3	.6	.1												169	172	133	71			
40/ 39	.7	1.7	2.6	1.3	.3	.1												182	185	127	85			
38/ 37	.8	2.9	2.2	1.6	.3													216	218	193	89			
36/ 35	.9	2.5	2.6	1.4	.2													210	217	231	135			
34/ 33	.8	2.7	2.8	1.2	.1													207	215	207	158			
32/ 31	.8	3.9	2.5	.7														216	224	225	197			
30/ 29	.5	3.5	2.1	.1														173	181	254	200			
28/ 27	.3	2.2	1.9	.1														124	127	194	180			
26/ 25	.4	2.9	1.9															139	143	142	191			
24/ 23	.4	2.7	.8															109	114	150	160			
22/ 21	.4	1.8	.9															84	89	120	162			
20/ 19	.3	2.1	.7															86	102	77	116			
18/ 17	.3	1.6	.3															57	63	92	162			
16/ 15	.2	1.2	.3															45	51	60	103			
14/ 13	.1	1.3	.1															43	44	40	91			
12/ 11	.1	.8	.0															25	27	45	95			
10/ 9	.1	.8																25	26	27	48			
8/ 7	.0	.7																21	21	20	49			
6/ 5	.1	.5																18	19	23	47			
4/ 3	.0	.4																12	12	17	29			
2/ 1	.0	.0																2	2	3	26			
0/ -1																				1	30			
Element (X)	Σ x <sup>2</sup>			Σ x			X			σ <sub>x</sub>			No. Obs.			Mean No. of Hours with Temperature							Total	
Rel. Hum.																≤ 0 F   ≤ 32 F   ≥ 67 F   ≥ 73 F   ≥ 80 F   ≥ 93 F							Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71



## PSYCHROMETRIC SUMMARY

JAN  
MONTH

PAGE 2

0000-0200  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
-2/-3																					17			
-4/-5																					16			
-6/-7																					11			
-8/-9																					7			
-14/-15																					1			
TOTAL	10.2	6.1	27.7	10.6	4.1	1.1	.1	.0											2861		2761			
																		2761		2761				
Element (X)	Σx²	Σx	X̄	sₓ	No. Obs.	Mean No. of Hours with Temperature						Total												
Rel. Hum.	16030606	206088	74.61	5.319	2761	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb	3644792	96860	33.91	1.306	2861		40.5					93												
Wet Bulb	3055990	86868	31.51	10.816	2761	.0	50.2					93												
Dew Point	2382596	72950	26.41	2.842	2761	2.8	65.3					93												

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD  
STATION STATION NAME

40-42,45-72  
YEARS

JAN  
MONTH

PAGE 1

0300-0500  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
64/ 63		.1	.1															6	6					
62/ 61	.0	.3	.0															11	11	6				
60/ 59	.3	.3	.1															21	21	21				
58/ 57	.1	.3	.2	.0														17	17	15				
56/ 55	.1	.3	.1		.0		.0	.0										17	17	13				
54/ 53	.0	.3	.1		.1	.1		.0										18	18	17				
52/ 51	.3	.9	.1	.1		.0												38	39	19				
50/ 49	.4	.7	.2	.2	.3	.1	.0											52	53	40				
48/ 47	.7	.9	.1	.6	.3	.1												73	74	43				
46/ 45	.5	1.0	.7	.3	.2	.1												77	77	54				
44/ 43	.9	1.2	1.2	.8	.3	.1												125	131	81				
42/ 41	.9	1.3	1.3	1.1	.3													134	136	102				
40/ 39	.7	1.6	1.9	1.2	.2													158	161	105				
38/ 37	1.1	3.3		.9	.1													211	220	174				
36/ 35	1.0	3.9	2.1	.9	.0													236	241	207				
34/ 33	.8	3.0	3.0	.8	.1													214	223	240				
32/ 31	.8	4.0	2.2	.6														211	215	219				
30/ 29	.5	5.1	1.4	.4														204	209	238				
28/ 27	.7	3.4	1.8	.0														162	167	232				
26/ 25	.5	3.6	1.2	.0														148	153	163				
24/ 23	.8	3.1	.9															133	136	172				
22/ 21	.5	2.6	.4															96	107	123				
20/ 19	.4	2.3	.3															83	99	101				
18/ 17	.4	2.0	.3															73	74	81				
16/ 15	.1	1.5	.3															52	58	63				
14/ 13	.3	1.3	.2															50	57	55				
12/ 11	.3	1.3																43	44	54				
10/ 9	.1	.8																25	28	39				
8/ 7	.2	.7																24	24	24				
6/ 5	.1	.5																16	16	21				
4/ 3	.2	.4																18	18	19				
2/ 1	.3																	7	7	12				
0/ -1	.1	.1																5	5	4				
-2/ -3	.0																	1	1	2				
Element (X)	$\Sigma X^2$		$\Sigma X$		$\bar{X}$		$\sigma_x$		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71  
USAFETAC

## PSYCHROMETRIC SUMMARY

13945	FORT SILL OKLAHOMA/POST FLD
STATION	STATION NAME

40-42, 45-72

JAN  
MONTH

PAGE 2      0300-0500  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

0600-0800  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

JAN  
MONTH

PAGE 2 0600-0800  
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD

40-42,45-72

JAN  
MONTH

PAGE 1 0900-1100  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point		
70/ 69				.0				.0										2	2				
68/ 67					.0			.0										2	2				
66/ 65		.0	.1		.0	.0				.0								6	6				
64/ 63		.2	.0		.0	.0				.0								10	10	2			
62/ 61	.1	.3	.1	.0		.0	.0	.0	.0	.0								22	22	12	10		
60/ 59	.1	.1	.1	.1	.1	.2	.1	.3	.1									35	35	13	12		
58/ 57	.1	.3	.2	.2	.1	.2	.2	.2	.0									46	46	14	8		
56/ 55	.1	.4	.3	.2	.2	.4	.5	.1										60	61	23	15		
54/ 53	.1	.4	.2	.2	.7	.5	.1											62	63	27	20		
52/ 51	.4	.8	.5	.3	.7	.5	.2	.0										94	97	42	32		
50/ 49	.4	1.0	.5	.8	1.0	.7	.0											120	122	61	37		
48/ 47	.3	1.3	.7	.6	1.1	.4	.2											125	131	89	39		
46/ 45	.4	1.7	.7	1.6	1.0	.5	.1											165	173	114	74		
44/ 43	.6	1.1	1.3	2.0	.7	.4	.0											167	172	160	86		
42/ 41	.4	1.1	1.5	1.7	.8	.3												162	166	124	74		
40/ 39	.8	1.4	2.5	1.7	.8													198	204	185	85		
38/ 37	.5	1.9	1.9	2.0	.4													185	187	213	73		
36/ 35	.5	1.7	2.5	1.5	.1													178	182	219	159		
34/ 33	.8	2.2	2.2	1.0	.3													183	193	203	182		
32/ 31	.7	2.4	2.0	.8	.1													162	166	230	195		
30/ 29	.6	3.1	1.8	.4														160	165	193	186		
28/ 27	.3	1.5	1.5	.3														101	105	182	172		
26/ 25	.4	1.6	1.4	.2														98	106	106	223		
24/ 23	.1	1.1	1.4	.1														74	81	108	174		
22/ 21	.3	1.6	.7	.0														72	74	85	137		
20/ 19	.4	1.4	.4	.1														64	72	86	115		
18/ 17	.4	.7	.4															40	41	65	115		
16/ 15	.1	1.3	.4															50	52	40	107		
14/ 13	.2	.8	.2															33	38	50	75		
12/ 11	.2	.9	.1															31	32	37	57		
10/ 9	.3	.6	.0															26	27	39	66		
8/ 7	.1	.6																19	19	19	47		
6/ 5	.0	.2																7	7	15	38		
4/ 3	.0	.1																5	5	6	30		
Element (X)	ΣX²		ΣX		X̄		s <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

USAF ETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



1

## PSYCHROMETRIC SUMMARY

JAN

STATION

STATION NAME

YEARS

MONTH

0900-1100

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD

40-42,45-72

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
84/ 83													.0					1	1					
80/ 79								.0										1	1					
78/ 77											.0			.0				2	2					
76/ 75								.0	.1		.1							5	5					
74/ 73						.0		.1	.1	.0	.1	.0						10	10					
72/ 71					.1	.1		.0	.1	.2	.1		.0					18	18					
70/ 69				.1	.1	.2	.2	.2	.1	.2	.3	.0						41	41					
68/ 67			.0	.2	.0		.3	.3	.2	.3	.2	.0						45	45	1				
66/ 65		.0	.2	.0	.3	.2	.3	.4	.5	.3	.0							61	62	2				
64/ 63	.0	.1	.2	.2	.1	.3	.5	.6	.4	.2	.1							78	78	15				
62/ 61	.0	.1	.2	.5	.4	.5	.6	.6	.5	.1	.0							99	100	22				
60/ 59		.2	.2	.5	.6	.5	.9	.8	.4	.1								116	120	27				
58/ 57		.2	.3	.5	.4	.6	1.2	.6	.3	.0								116	122	33				
56/ 55		.1	.5	.5	.6	1.0	1.1	.4	.1									118	123	60				
54/ 53	.1	.3	.6	.5	.6	1.2	1.0	.8	.0									141	146	78				
52/ 51	.1	.2	.6	.4	1.0	1.5	.9	.2	.0									136	141	119				
50/ 49	.1	.6	1.0	1.0	2.0	1.1	.8	.3										189	194	135				
48/ 47	.3	.7	.5	.8	1.6	1.4	.5	.0										156	164	159				
46/ 45	.1	1.2	.6	.9	1.5	.9	.4											155	156	201				
44/ 43	.2	.5	.5	1.8	1.2	.7	.2											141	144	204				
42/ 41	.4	.7	1.0	1.3	1.3	.4	.1											144	145	185				
40/ 39	.1	.8	1.0	1.0	1.1	.2	.0											120	121	190				
38/ 37	.1	1.6	1.0	1.2	.9	.2												137	146	238				
36/ 35	.2	.5	1.5	1.2	.4	.1												106	110	174				
34/ 33	.4	1.0	.8	.8	.3	.0												93	96	131				
32/ 31	.2	1.4	.9	.5	.3													89	92	158				
30/ 29	.2	1.0	1.2	.9	.0													92	94	120				
28/ 27	.3	.8	.9	.5	.0													71	80	91				
26/ 25	.1	.7	.9	.2	.1													55	58	84				
24/ 23	.1	.6	.6	.2														45	48	75				
22/ 21	.3	.5	.5	.2														42	46	67				
20/ 19	.1	.5	.5	.0														32	35	42				
18/ 17	.3	.7	.4															38	40	45				
16/ 15	.1	1.0	.3															38	40	36				
Element (X)	$\Sigma X^2$		$\Sigma X$		$\bar{X}$		$\sigma_x$		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AAC

## PSYCHROMETRIC SUMMARY

13945

FORT SILL OKLAHOMA/POST FLD

40-42,45-72

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	Dry Bulb	Wet Bulb	Dew Point				
84/ 83													.1					2	2					
80/ 79										.0				.1				4	4					
78/ 77											.1	.0						3	3					
76/ 75								.1		.1	.2			.0				14	14					
74/ 73						.1	.2	.0	.1	.1	.1	.4	.0					29	29					
72/ 71					.1	.1	.0	.1	.3	.1	.4	.3	.1					45	45					
70/ 69				.1	.2	.2	.1	.2	.3	.5	.6	.1						70	70					
68/ 67			.1	.2	.2	.1	.3	.3	.2	.3	.2	.1						56	58					
66/ 65		.1	.2	.2	.3	.4	.4	.3	.4	.6	.1	.0						83	84	1				
64/ 63		.1	.1	.2	.3	.4	.3	.5	.6	.4	.1							82	82	26	2			
62/ 61			.1	.3	.7	.3	.7	1.0	.9	.3								122	124	28	10			
60/ 59	.0	.0	.2	.3	.5	.3	.7	1.4	.3	.3								116	119	27	21			
58/ 57	.1	.1	.3	.5	.5	.8	1.5	.5	.5	.1								133	135	48	14			
56/ 55	.1	.1	.3	.9	.8	.9	1.1	.9	.2	.0								143	147	78	25			
54/ 53	.0	.2	.2	.4	.6	1.3	1.2	.9	.1									139	147	88	20			
52/ 51	.1	.3	.4	.4	.9	1.7	1.1	.3	.0									143	153	116	31			
50/ 49	.1	.5	.6	.8	1.1	1.3	1.1	.2										156	158	156	65			
48/ 47	.1	.4	.8	.6	1.7	1.2	.5	.1										148	154	201	63			
46/ 45	.1	.9	.8	1.0	1.2	.9	.5											149	150	197	90			
44/ 43	.1	.5	1.0	1.0	.8	.9	.4											132	134	201	84			
42/ 41	.2	.5	.5	1.0	.9	.6	.2											111	118	198	76			
40/ 39	.2	.6	1.3	1.1	.9	.3	.1											123	128	217	108			
38/ 37	.1	.9	.8	1.4	.6	.3												110	114	174	133			
36/ 35	.3	.8	.8	.6	.4	.1												81	82	162	144			
34/ 33	.1	1.3	1.0	.5	.2	.0												88	92	139	162			
32/ 31	.3	1.3	.6	.6	.4	.1												98	101	155	224			
30/ 29	.1	.8	1.3	.5	.2													82	85	108	205			
28/ 27	.1	.7	.6	.4	.1													53	59	64	190			
26/ 25	.2	.5	.6	.4	.0													49	55	85	153			
24/ 23	.2	.4	.3	.0														43	45	66	154			
22/ 21	.0	.6	.4	.1														29	32	48	111			
20/ 19	.1	1.0	.6	.1														47	51	49	120			
18/ 17	.3	.5	.3	.0														33	33	51	115			
16/ 15	.1	.9	.3															36	38	37	79			
Element (X)	$\Sigma X^2$		$\Sigma X$		$\bar{X}$		$\sigma^2$		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71  
USAF ETAC

1

JAN  
MONTH

STATION

STATION NAME

YEARS

MONTH

1500-1700

HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD

40-42,45-72

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point	
76/ 75									.0									1	1			
74/ 73												.0						1	1			
72/ 71							.0											1	1			
70/ 69				.0	.0	.1	.0	.0	.0	.0	.1							11	11			
68/ 67			.0	.1	.1	.1	.2	.0	.1	.1								21	21			
66/ 65			.4	.3		.1	.1	.1	.1	.1	.1							33	33			
64/ 63		.2	.2	.0	.2	.3	.1	.2	.2	.2	.0							46	46	3		
62/ 61		.0	.1	.0	.3	.2	.1	.3	.0		.0							32	33	23	7	
60/ 59		.3	.3	.2	.4	.3	.3	.4	.2	.0								68	68	24	13	
58/ 57	.1	.3	.1	.5	.2	.4	.6	.7	.2									87	88	20	19	
56/ 55	.0	.4	.4	.5	.5	.4	.7	.3	.1									91	93	33	25	
54/ 53	.1	.4	.6	.7	.7	1.1	.4	.1										115	115	53	26	
52/ 51	.1	.5	.4	.6	1.3	.9	.5	.0										121	130	66	23	
50/ 49	.1	.8	.7	.9	1.5	.8	.6	.0										147	148	82	36	
48/ 47	.1	.8	.7	1.2	1.5	1.0	.3	.0										160	165	109	61	
46/ 45	.2	1.0	.9	2.0	1.7	.8	.2											188	195	150	77	
44/ 43	.2	1.6	1.1	1.9	1.2	.7	.0											184	188	201	68	
42/ 41	.4	.9	1.6	1.5	1.0	.4												160	164	193	93	
40/ 39	.4	1.3	1.9	1.6	1.0	.3												179	184	210	108	
38/ 37	.3	1.7	1.4	1.8	.8	.0												164	168	228	107	
36/ 35	.5	1.0	1.6	1.4	.5	.0												141	148	225	161	
34/ 33	.2	1.5	1.7	1.1	.4	.0												136	139	171	175	
32/ 31	.3	1.2	1.3	1.2	.1													113	116	171	200	
30/ 29	.3	1.4	1.3	.7	.1													100	104	156	196	
28/ 27	.3	1.2	.8	.2	.1													71	78	126	187	
26/ 25	.2	1.3	.9	.1														71	77	105	164	
24/ 23	.1	1.7	1.1	.2														84	90	73	144	
22/ 21	.0	.9	.3	.1														38	41	74	154	
20/ 19	.3	.8	.7	.1														52	61	63	116	
18/ 17	.2	1.1	.2															40	43	49	112	
16/ 15	.2	.8	.2															34	34	56	92	
14/ 13	.1	.8	.2															28	31	32	77	
12/ 11	.1	.6	.1															22	22	24	71	
10/ 9	.0	.5																15	15	26	53	
Element (X)	$\Sigma x^2$			$\Sigma x$			$\bar{x}$	$\sigma_x$	No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																						
Wet Bulb																						
Dew Point																						

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71



## PSYCHROMETRIC SUMMARY

YEARS

JAN  
MONTH

PAGE 2

1800-2000  
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD  
STATION STATION NAME

40-42, 45-72  
YEARS

JAN  
MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb			Wet Bulb			Dew Point	
70/ 69							.0											1	1						
68/ 67						.0												1	1						
66/ 65			.1	.2	.1													10	10						
64/ 63		.1	.3	.1	.0	.1			.1									22	22						
62/ 61		.4	.2	.1	.0	.1	.0	.0	.0									27	27	15	3				
60/ 59		.4	.1	.1	.1	.0		.1	.0									26	26	24	17				
58/ 57	.0	.3	.5	.2	.1	.1	.2		.0									37	37	26	22				
56/ 55	.2	.4	.1	.4	.1	.1	.2											41	41	25	27				
54/ 53	.1	.5	.4	.3	.5	.1	.1	.1										58	60	31	17				
52/ 51	.2	.4	.4	.4	.5	.5	.2											73	77	33	30				
50/ 49	.2	.7	.7	.7	.9	.7	.1											110	110	52	38				
48/ 47	.5	.9	.7	.9	.8	.3	.1											120	121	65	50				
46/ 45	.3	1.6	.9	2.0	1.1	.2												167	168	94	49				
44/ 43	.4	1.6	1.3	1.7	.9	.3												170	176	131	60				
42/ 41	.5	1.3	2.0	1.1	.9	.2												163	166	154	84				
40/ 39	.5	1.5	3.0	1.5	.6	.1												200	204	183	92				
38/ 37	.4	2.0	2.9	2.0	.7													222	227	218	90				
36/ 35	.6	2.1	2.1	1.3	.4													181	188	221	135				
34/ 33	.5	2.6	2.7	1.2	.0													196	208	215	180				
32/ 31	.4	2.6	2.1	.9														169	173	233	219				
30/ 29	.1	2.2	2.1	.5	.0													137	139	206	205				
28/ 27	.4	1.6	1.5	.3	.0													106	112	153	177				
26/ 25	.4	1.8	1.5	.2														107	110	143	186				
24/ 23	.3	1.8	1.1	.1														92	102	107	149				
22/ 21	.1	1.3	.9	.1														67	72	90	153				
20/ 19	.3	.9	.7	.1														57	69	86	112				
18/ 17	.2	1.1	.4															48	52	55	142				
16/ 15	.5	1.1	.1															48	50	62	91				
14/ 13	.3	.8																30	31	47	82				
12/ 11	.1	.9	.1															30	32	29	79				
10/ 9	.1	.8	.0															24	24	26	65				
8/ 7		.4																10	10	25	44				
6/ 5	.1	.3																12	12	9	47				
4/ 3		.1																2	2	6	26				
Element (X)	Σ x <sup>2</sup>			Σ x			Σ	e <sub>x</sub>	No. Obs.			Mean No. of Hours with Temperature										Total			
Rel. Hum.												≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

JAN  
MONTH

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD

40-42,45-72

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
74/ 73												.0						1	1					
70/ 69											.0							1	1					
68/ 67											.0							1	1					
66/ 65				.2		.0												5	5					
64/ 63		.1	.2	.1			.0											12	12					
62/ 61	.0	.2	.1	.1	.0		.0			.1								15	15	4	1			
60/ 59		.5	.2	.2	.1		.0											29	29	21	6			
58/ 57	.0	.3	.2	.2	.2	.2												28	28	15	23			
56/ 55	.2	.5	.3	.3	.1	.2	.2	.0										49	49	25	16			
54/ 53	.2	.5	.5	.4	.4	.1	.2	.0										60	60	36	29			
52/ 51	.2	.8	.6	.3	.4	.5	.0											75	75	41	22			
50/ 49	.5	1.1	.9	1.0	.7	.5	.1											125	125	69	56			
48/ 47	.5	1.2	1.1	1.4	.9	.2	.1	.0										149	140	79	49			
46/ 45	.5	1.3	1.3	1.8	1.3	.3												166	168	87	62			
44/ 43	.8	1.3	1.8	2.2	.7	.1												178	178	145	74			
42/ 41	.3	2.2	2.3	1.7	.6													183	183	164	74			
40/ 39	.4	2.2	2.5	1.3	.5													180	183	191	97			
38/ 37	.6	2.1	2.6	1.9	.3	.1												197	198	234	144			
36/ 35	.5	3.2	3.1	1.3	.1													212	215	223	157			
34/ 33	.4	3.2	3.2	1.3														210	212	206	188			
32/ 31	.9	2.5	2.9	.8	.1													183	186	232	195			
30/ 29	.6	2.6	2.4	.5														158	161	213	236			
28/ 27	.4	1.8	1.5	.3	.0													106	109	185	177			
26/ 25	.5	1.3	1.5	.1														86	88	123	190			
24/ 23	.5	1.2	.7															63	65	93	149			
22/ 21	.1	1.0	.4															38	38	73	159			
20/ 19	.2	1.2	.1															39	41	53	107			
18/ 17	.1	.6																17	18	36	76			
16/ 15	.2	.4																16	16	17	77			
14/ 13		.2																6	6	9	62			
12/ 11		.0																1	1	4	64			
10/ 9	.1																	3	3	4	36			
8/ 7	.1																	2	2	2	28			
6/ 5	.0																	1	1	1	12			
Element (X)	Σ x²			Σ x			Σ	Σ x			Σ x			Σ x			No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.																		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

1

0477-54321

YEARS

PAGE 2 0000-0200  
HOURS (L S T)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
(JUN 71)

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13945 PORT SILL OKLAHOMA/POST FLD

40-42,45-72

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
66/ 65				.1														3	3						
64/ 63		.2	.0					.0										6	6	1	1				
62/ 61		.2		.0			.0	.0										9	9	7					
60/ 59		.3	.2	.0	.0	.0	.1											18	18	7	9				
58/ 57	.2	.3	.0	.1	.0	.1		.0	.0									22	22	15	14				
56/ 55	.2	.5	.2	.1	.1	.2												33	33	19	16				
54/ 53	.3	.5	.3	.1	.3	.1		.0										44	44	25	23				
52/ 51	.4	.8	.5	.5	.1	.2	.0											62	62	36	26				
50/ 49	.6	.7	.4	.3	.3	.3	.0											68	68	53	40				
48/ 47	.7	.7	.6	.7	.7	.5												100	103	65	46				
46/ 45	.7	1.4	1.5	1.2	.6	.0												140	140	70	49				
44/ 43	.8	1.8	1.6	1.5	.4	.2												161	162	100	62				
42/ 41	.8	2.2	2.2	1.4	.3													180	180	140	75				
40/ 39	.5	2.6	3.0	1.4	.2	.0												200	203	185	108				
38/ 37	.6	3.4	2.4	1.1	.1	.1												203	206	219	120				
36/ 35	.9	3.1	2.0	1.2	.1													189	193	228	149				
34/ 33	.7	4.6	3.2	.8														240	240	209	193				
32/ 31	1.0	3.8	2.0	.5														187	190	226	201				
30/ 29	.6	3.8	2.3	.5														187	190	228	221				
28/ 27	.5	3.4	2.2	.2														164	164	190	178				
26/ 25	.6	1.9	1.5	.2														107	108	163	181				
24/ 23	.5	2.2	1.0	.1														98	101	125	169				
22/ 21	.2	1.4	.4															51	53	111	159				
20/ 19	.2	1.0	.2															38	39	57	101				
18/ 17	.5	.9																37	39	48	107				
16/ 15	.2	.3	.0															12	12	27	99				
14/ 13	.2	.4																14	14	9	69				
12/ 11	.1	.2																6	6	15	62				
10/ 9	.0																	1	1	2	45				
8/ 7																					23				
6/ 5		.1																2	2		18				
4/ 3	.1	.1																4	4	5	5				
2/ 1																				1	6				
0/ -1																					6				
Element (X)	Σ x <sup>2</sup>			Σ x			Σ	σ <sub>x</sub>	No. Obs.			Mean No. of Hours with Temperature													
Rel. Hum.												≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71



1

FEB  
MONTH

**YEARS:**

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD

40-42,45-72

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0600-0800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
64/ 63			.1															3	3						
62/ 61		.2	.0															6	6	1					
60/ 59		.3		.0														8	8	8	5				
58/ 57	.1	.4	.1	.1		.0												20	20	13	13				
56/ 55	.2	.3	.1		.2	.0	.1											21	21	19	16				
54/ 53	.1	.6	.2	.1	.1	.2	.1											34	34	11	9				
52/ 51	.5	.5	.3	.4	.0	.2	.1											52	54	39	31				
50/ 49	.4	1.1	.5	.6	.2	.1												73	73	27	32				
48/ 47	1.0	.7	.6	.7	.6	.3												99	100	70	36				
46/ 45	.6	1.1	1.4	1.1	.3	.1												120	121	67	54				
44/ 43	.7	1.7	1.6	1.2	.2	.1												141	141	72	52				
42/ 41	1.2	1.8	2.3	1.0	.4													174	176	161	73				
40/ 39	.6	2.5	2.3	.7	.2	.0												162	164	164	97				
38/ 37	1.0	2.8	1.9	1.3	.1	.1												186	190	207	125				
36/ 35	.9	4.5	2.9	.7	.2													236	240	192	147				
34/ 33	1.0	4.0	2.7	.7	.0													220	220	230	167				
32/ 31	.6	3.8	3.2	.3														205	208	231	232				
30/ 29	.6	4.4	1.4	.5														178	181	207	205				
28/ 27	.7	3.8	1.9	.3														172	174	218	153				
26/ 25	.7	4.0	.9	.2														150	151	173	200				
24/ 23	.4	2.4	1.2															102	102	152	183				
22/ 21	.2	2.4	.6	.2														87	88	101	160				
20/ 19	.2	1.2	.2															39	43	87	125				
18/ 17	.3	1.2	.0															40	41	51	110				
16/ 15	.3	.7	.0															27	27	41	82				
14/ 13		.2																5	5	16	72				
12/ 11	.1	.4																12	12	7	85				
10/ 9	.1																	2	2	9	35				
8/ 7																					32				
6/ 5																					22				
4/ 3		.1																2	2	1	10				
2/ 1	.2																	4	4	5	4				
0/ -1																					4				
-2/ -3																					7				
Element (X)	Σ X <sup>2</sup>			Σ X			X̄	s <sub>x</sub>	No. Obs.		Mean No. of Hours with Temperature										Total				
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

**1**

FEB  
MONTH

STATION

STATION NAME

YEARS

MONTH

0600-0800  
HOURS (L. S. T.)

HOURS (L, S, T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD  
STATION STATION NAME

40-42,45-72  
YEARS

FEB  
MONTH

PAGE 1 0900-1100  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
76/ 75												.0						1	1						
74/ 73					.0					.0								2	2						
72/ 71							.0					.0						2	2						
70/ 69					.0	.0	.0	.2		.0	.0							9	9						
68/ 67			.1		.0	.1	.0	.1	.0	.0								12	12						
66/ 65			.1	.1	.0	.1		.0	.0	.1								13	13	1					
64/ 63		.1	.0	.1	.2	.3	.2	.2	.2	.0								31	31	4					
62/ 61		.1	.1	.2	.2	.2	.2	.3	.0	.0								36	36	6					
60/ 59	.0	.3	.2	.3	.2	.6	.2	.4	.2									67	67	12					
58/ 57	.3	.3	.3	.3	.3	.6	.5	.3	.0									77	77	28					
56/ 55	.2	.3	.4	.4	1.1	.8	.4	.2	.0									99	99	40					
54/ 53	.2	.3	.4	.7	.9	.9	.5	.2										102	102	48					
52/ 51	.3	.4	.4	1.1	.8	1.0	.3	.0										114	114	55					
50/ 49	.5	.7	.7	1.5	1.6	1.0	.3	.0										163	163	92					
48/ 47	.7	.9	1.0	1.7	1.5	.8	.3											173	173	132					
46/ 45	.3	1.0	1.3	2.1	1.1	.6	.1	.0										170	170	165					
44/ 43	.3	1.0	1.6	1.7	1.0	.5	.1											157	157	162					
42/ 41	.7	1.3	1.6	1.7	1.2	.3	.0											175	176	218					
40/ 39	.9	1.8	1.5	1.8	1.1	.1												187	193	222					
38/ 37	.8	1.7	1.3	1.9	.6	.1												178	182	213					
36/ 35	.5	1.8	2.1	1.3	.3	.0												157	160	190					
34/ 33	.4	1.8	2.4	1.3	.3	.0												163	166	189					
32/ 31	.2	1.6	1.7	.7	.2													113	115	197					
30/ 29	.1	1.4	1.4	.8														95	96	139					
28/ 27	.4	1.3	1.2	.3														81	82	129					
26/ 25	.3	1.2	1.0	.0														64	65	113					
24/ 23	.0	1.3	.3	.1														56	58	77					
22/ 21	.0	.9	.2	.0														32	32	61					
20/ 19	.1	.6	.1	.0														21	22	36					
18/ 17	.2	.5	.1															18	19	28					
16/ 15	.1	.2																9	9	15					
14/ 13		.1																3	3	6					
12/ 11		.1																3	3	3					
10/ 9																				2					
Element (X)	Σ X <sup>2</sup>				Σ X				X	σ <sub>x</sub>				No. Obs.				Mean No. of Hours with Temperature						Total	
Rel. Hum.																		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

**1**

**YEARS**

40-42, 45-72

**FEB**  
**MONTH**

0900-1100  
HOURS (L. S. T.)

USAFETAC FORM 111A 71 G-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD

40-42,45-72

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83													.0					1	1		
82/ 81									.0		.1	.2	.1					9	9		
80/ 79							.1		.0		.2		.1					9	9		
78/ 77							.0	.1	.0	.2	.1	.1	.2	.0				19	19		
76/ 75						.0		.0	.2	.0	.1	.3	.1					20	20		
74/ 73						.2	.1	.1	.1	.3	.2	.2						29	29		
72/ 71					.1	.0	.2	.3	.3	.2	.2	.1						36	36		
70/ 69				.0	.0	.3	.3	.3	.4	.3	.3	.1						52	52		
68/ 67			.0		.4	.3	.4	.3	.7	.4	.3							77	77	2	
66/ 65				.1	.5	.5	.5	.8	.7	.3	.1							91	91	4	
64/ 63		.0	.0	.3	.5	.7	.9	.7	.9	.5	.1							122	122	11	
62/ 61		.2	.4	.2	.3	.7	1.3	1.1	.6	.2								125	125	19	5
60/ 59	.1	.2	.3	.1	.6	1.0	1.2	1.4	.6	.1								142	142	58	9
58/ 57	.1	.2	.2	.3	1.0	.9	1.2	.7	.4									127	127	72	14
56/ 55	.1	.3	.4	.5	.6	1.2	1.7	.6	.2									141	141	81	31
54/ 53	.1	.2	.1	.4	.7	1.3	1.4	.4	.1									124	124	124	49
52/ 51		.2	.3	.7	.9	1.4	1.0	.4										127	127	135	43
50/ 49	.5	.7	.5	.8	1.2	1.5	.9	.3										165	165	196	63
48/ 47	.2	.7	.4	1.1	.9	1.0	.6	.2										132	132	171	72
46/ 45	.2	.9	.5	1.2	1.0	1.0	.4	.0										132	133	208	71
44/ 43	.2	.6	.5	.8	1.0	.8	.3											110	113	195	108
42/ 41	.6	.7	.5	1.0	1.1	.9	.1											127	129	195	133
40/ 39	.2	1.6	1.2	1.0	1.5	.4	.0											152	157	180	135
38/ 37	.3	1.4	.9	1.2	.7	.1												119	123	158	145
36/ 35	.3	.9	1.1	1.0	.5	.0												99	103	191	180
34/ 33	.1	1.0	.7	.5	.3													68	69	116	175
32/ 31	.2	.7	.4	.5	.1													46	47	152	185
30/ 29	.4	.9	.4	.2	.1													51	51	98	186
28/ 27	.2	.6	.7	.3														47	47	64	157
26/ 25	.2	.5	.5	.0														32	34	46	149
24/ 23		.3	.2	.1														14	15	43	122
22/ 21	.1	.5	.1															19	19	29	112
20/ 19	.2	.2	.1															13	13	19	98
18/ 17	.1	.2																6	6	12	103
Element (X)	$\Sigma X^2$		$\Sigma X$		$\bar{X}$		$\sigma_x$		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71



## PSYCHROMETRIC SUMMARY

YEARS

PAGE 2      1200-1400  
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD

40-42,45-72

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
86/ 85														.1	.0																	3	3		
84/ 83										.0	.1			.2	.1																	11	11		
82/ 81										.0	.1	.2	.2	.0																		13	13		
80/ 79									.1	.0	.1	.1	.1		.0																	12	12		
78/ 77											.0	.1	.4	.3																		22	22		
76/ 75					.0	.0	.0	.2	.2	.1	.1	.3	.2																			35	35		
74/ 73						.1	.2	.2	.3	.2	.2	.2	.3	.1																		39	39		
72/ 71				.0	.0	.1	.4	.2	.2	.4	.6	.2	.0																			55	55		
70/ 69				.1	.2	.2	.5	.4	.7	.9	.5	.4																				98	98	1	
68/ 67				.2	.3	.3	.8	.4	.8	.9	.2																					99	99		
66/ 65			.0	.2	.1	.7	.9	1.0	1.0	.3	.3																					117	117	11	1
64/ 63			.2	.4	.4	.6	.7	1.3	.9	.5	.1																					130	130	15	1
62/ 61		.1	.2	.2	.3	.7	.9	.9	1.3	.3																						128	128	38	2
60/ 59	.0	.2	.2	.3	.3	1.0	1.2	1.4	1.2	.2																						153	153	58	12
58/ 57	.1	.0	.1	.3	.7	.8	1.4	1.3	.5	.1																						141	141	81	25
56/ 55	.1	.3	.1	.4	.8	.9	1.4	1.2	.5	.0																						147	147	99	28
54/ 53	.0	.3	.3	.4	.8	1.0	1.5	.8	.2																							140	140	136	34
52/ 51	.1	.4	.5	.4	.7	1.4	1.2	.6																								138	138	182	45
50/ 49	.2	.3	.6	.5	.8	1.2	1.2	.7																								142	142	204	77
48/ 47	.1	.5	.4	.3	.6	.8	.7	.2																								92	92	175	73
46/ 45	.2	.8	.4	.5	.6	.7	.3																									92	94	212	77
44/ 43	.2	.7	.4	.8	1.1	.8	.3	.0																								113	117	198	95
42/ 41	.3	1.0	.9	1.1	.7	1.2	.0																									139	139	189	134
40/ 39	.1	1.1	.9	1.0	1.0	.5																										119	122	165	135
38/ 37	.1	1.3	1.2	.6	.7	.2																										108	111	174	147
36/ 35	.1	.8	.5	.5	.2																											53	57	159	174
34/ 33	.2	1.0	.3	.2	.2																											50	51	138	168
32/ 31	.2	.6	.4	.5	.0																											44	46	100	180
30/ 29	.3	.7	.7	.3																												52	54	77	211
28/ 27	.1	.6	.5	.1																												32	32	39	127
26/ 25	.2	.3	.5	.0																												28	28	58	149
24/ 23		.2	.1																													8	10	24	142
22/ 21	.2	.4	.1																													17	18	25	106
20/ 19	.0	.2	.1																													9	9	14	107
Element (X)	Σ x <sup>2</sup>			Σ x			Σ	Σ <sup>2</sup>	No. Obs.			Mean No. of Hours with Temperature																							
Rel. Hum.												≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																	
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71  
USAFETAC

1

3477 34321

**YEARS**

FEB  
MONTH

1500-1700  
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD

40-42,45-72

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
80/ 79											.0							1	1						
78/ 77									.0	.0	.1		.0					5	5						
76/ 75							.0		.0	.0		.1	.0					6	6						
74/ 73						.0	.1	.1	.1	.1	.1	.1						13	13						
72/ 71						.1	.3	.1	.2	.0	.1							14	14						
70/ 69			.0		.1	.3	.1	.2	.1	.1	.0	.0						24	24						
68/ 67			.0	.0	.2	.2	.2	.1	.3	.2	.1	.0						35	35						
66/ 65		.1	.1	.2	.2	.3	.3	.3	.6	.2	.1		.0					60	60	2	1				
64/ 63		.1	.0	.3	.5	.6	.1	.7	.2	.0	.0							69	69	8	1				
62/ 61		.2	.3	.5	.5	.2	.7	.8	.4	.2								98	98	15	4				
60/ 59		.1	.1	.3	.5	.5	1.4	.3	.3	.0								93	93	30	10				
58/ 57	.0	.2	.3	.7	.5	1.2	1.0	.4	.3									120	120	44	9				
56/ 55	.1	.5	.7	.6	.8	1.3	1.1	.7	.1									149	149	63	30				
54/ 53	.1	.3	.5	.5	1.4	1.2	1.0	.5	.0									146	146	93	25				
52/ 51	.1	.6	.6	1.0	1.5	1.6	.9	.2										170	170	81	53				
50/ 49	.3	.8	.7	1.0	1.2	1.5	.8	.2										173	173	166	76				
48/ 47	.1	.4	1.1	1.3	1.8	1.5	.6	.1										181	181	175	80				
46/ 45	.2	.8	.9	1.1	.9	1.0	.3											136	136	187	74				
44/ 43	.3	.8	.9	1.3	1.5	.8	.1											150	150	207	73				
42/ 41	.2	1.2	1.0	1.4	1.3	.7	.1											151	154	209	97				
40/ 39	.1	1.0	2.0	1.1	.7	.5	.0											139	143	201	131				
38/ 37	.2	1.0	1.3	1.7	.7	.2												134	136	197	156				
36/ 35	.2	1.7	1.1	1.0	.6	.0												119	122	193	185				
34/ 33	.2	1.5	1.0	1.0	.3	.0												105	107	170	197				
32/ 31	.3	1.5	.7	.6	.1													82	86	155	188				
30/ 29	.1	1.1	.7	.5	.0													62	65	111	191				
28/ 27	.1	.5	.4	.1														29	29	88	143				
26/ 25	.2	.7	.6	.2														43	43	60	174				
24/ 23	.2	.5	.4															31	31	49	146				
22/ 21	.2	.3	.1															18	19	37	110				
20/ 19	.1	.4	.0															14	15	20	105				
18/ 17		.3																7	8	9	78				
16/ 15		.1																3	3	7	58				
14/ 13	.0																	1	1	4	53				
Element (X)	$\Sigma X^2$		$\Sigma X$		$\bar{X}$		$\sigma_x$		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb																									
Wet Bulb																									
Dew Point																									

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71  
USAFETAC

1

FEB  
MONTH

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD

40-42, 43-72

FEB  
MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point			
80/ 79											.0							1	1					
76/ 75												.1						2	2					
72/ 71											.0							1	1					
70/ 69				.0	.0	.0		.1										5	5					
68/ 67				.0	.2		.1	.1	.1									11	11					
66/ 65		.0		.1			.1	.0		.0								9	9					
64/ 63		.1	.1	.1	.1	.1	.1			.0								16	16	2	1			
62/ 61	.0	.3	.2	.3	.2	.1	.2	.3	.0		.0							44	44	10	4			
60/ 59		.2	.5	.5	.2	.2	.4	.2		.1								56	56	20	8			
58/ 57	.0	.3	.5	.4	.2	.5	.2	.1										58	58	12	14			
56/ 55	.1	.5	.4	.5	.4	.5	.4	.2										77	77	46	12			
54/ 53	.2	.5	.6	.5	.9	.7	.2	.0										93	93	66	41			
52/ 51	.2	.9	.6	.7	1.1	.5	.2	.0										113	113	49	42			
50/ 49	.6	1.4	1.0	1.6	1.6	1.0	.1	.1										190	190	100	59			
48/ 47	.3	.9	1.1	2.2	1.4	.6	.1	.0										174	174	109	65			
46/ 45	.1	.9	1.6	1.8	1.8	.6												176	176	119	62			
44/ 43	.6	1.4	1.7	1.4	1.0	.4												167	169	184	82			
42/ 41	.6	1.6	1.6	1.6	1.6	.2												183	184	220	83			
40/ 39	.3	1.5	2.6	2.2	1.1	.1												202	206	199	125			
38/ 37	.2	1.7	2.2	1.8	.7	.0												173	175	193	132			
36/ 35	.1	2.5	2.2	1.6	.3	.1												174	178	226	189			
34/ 33	.5	1.7	2.1	1.6	.2													154	154	229	196			
32/ 31	.5	2.1	1.7	1.1	.0													138	141	191	215			
30/ 29	.2	2.1	1.3	.5	.1													109	115	161	168			
28/ 27	.2	1.1	1.1	.3														68	68	137	163			
26/ 25	.4	.9	.7	.1														56	56	101	189			
24/ 23	.3	.9	.7	.0														51	51	66	151			
22/ 21	.3	.5	.2															27	28	60	120			
20/ 19	.0	1.0																26	26	34	101			
18/ 17	.1	.3	.1															13	15	25	95			
16/ 15	.1	.2																9	10	13	59			
14/ 13																				5	63			
12/ 11		.0																1	1		63			
10/ 9		.1																2	2	3	37			
Element (X)	Σ X'		Σ X		X̄		s <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71



**1**

1. Case 2. 6

FEB

YEARS

**MONTH**

HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
11 JUN 71

USAFETAC  
FORM  
JUN 71

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD

40-42,45-72

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
76/ 75							.0			.0		.0						3	3					
74/ 73						.1	.0		.1			.0						6	6					
72/ 71				.0	.1	.2	.1	.0			.1							13	13					
70/ 69				.0	.1	.1	.1		.1		.0							13	13					
68/ 67			.1	.1	.1	.1	.0	.0	.1	.0								18	18					
66/ 65		.3	.3	.2	.2	.1	.1	.2	.2									47	47	3				
64/ 63		.2	.5	.2	.3	.2	.1	.3	.2	.0								59	59	21	6			
62/ 61		.6	.7	.6	.2	.5	.3	.1	.2	.0								92	92	33	17			
60/ 59	.2	.9	.6	.6	.6	.4	.3	.2	.1									112	114	56	30			
58/ 57	.1	.8	.9	.5	.4	.5	.6	.2		.0								113	114	71	54			
56/ 55	.1	1.1	.7	.8	.8	.5	.5	.2	.2									138	138	83	55			
54/ 53	.2	.6	1.0	.9	1.2	.7	.4	.1	.0									149	149	104	77			
52/ 51	.4	.9	1.0	1.4	1.4	1.1	.2	.1										187	187	117	76			
50/ 49	.5	.9	1.4	1.9	1.0	.7	.2	.0										190	190	131	88			
48/ 47	.2	.4	1.6	1.8	1.4	.5	.3											178	178	144	81			
46/ 45	.2	.9	.8	1.9	1.2	.3	.0											155	155	204	64			
44/ 43	.2	1.4	2.2	1.7	1.3	.3	.0											205	205	200	114			
42/ 41	.3	1.7	1.6	1.5	1.1	.1	.0											183	183	209	138			
40/ 39	.3	2.1	2.0	1.9	.7	.3												208	208	252	174			
38/ 37	.3	1.9	2.0	1.6	.6	.1												185	185	231	178			
36/ 35	.2	2.2	1.5	1.2	.4													160	160	216	223			
34/ 33	.3	1.7	1.4	.9														124	124	206	202			
32/ 31	.2	1.4	1.0	.3														81	81	161	220			
30/ 29	.3	1.4	1.5	.4														105	105	144	192			
28/ 27	.2	.9	1.1	.0														64	64	107	148			
26/ 25		.5	.4															25	25	67	162			
24/ 23		.1	.3															12	12	46	152			
22/ 21		.2	.1															9	9	12	98			
20/ 19		.2	.1															8	8	17	60			
18/ 17		.1																3	3	5	77			
16/ 15		.3																10	10	10	58			
14/ 13		.0																1	1	6	46			
12/ 11																					28			
10/ 9																					9			
Element (X)	$\Sigma X^2$		$\Sigma X$		$\bar{X}$		$\sigma_x$		No. Obs.		Mean No. of Hours with Temperature										Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71  
USAFETAC

## PSYCHROMETRIC SUMMARY

40-42, 45-72

MAR  
MONTH

PAGE 2      0000-0200  
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# PSYCHROMETRIC SUMMARY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

40-42, 45-72  
YEARS

MAR  
MONTH

PAGE 1

0300-0500  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
70/ 69					.1				.0									4	4				
68/ 67			.1	.3	.0	.1			.0	.1								16	16				
66/ 65	.0	.1	.2	.2	.1	.2			.0	.1								28	28	4	1		
64/ 63		.2	.2	.3	.1	.1	.1											32	32	3	5		
62/ 61		.5	.3	.2	.3	.1	.1	.1										43	43	27	8		
60/ 59	.1	.6	.7	.3	.2	.2	.1	.1										67	67	32	21		
58/ 57	.3	.7	1.0	.4	.5	.2	.2	.1										101	101	57	36		
56/ 55	.3	1.4	1.2	.8	.5	.4	.2	.1										141	141	76	54		
54/ 53	.2	1.1	.9	.7	.7	.4	.2	.0										122	122	79	67		
52/ 51	.2	1.3	1.0	1.1	.7	.6	.1	.1										149	149	111	80		
50/ 49	.6	1.3	1.0	1.1	1.2	.5	.1	.1										167	167	124	87		
48/ 47	.2	1.3	1.1	1.4	1.2	.4	.2											185	185	138	89		
46/ 45	.7	1.5	1.4	1.7	.8	.2	.0											196	196	173	92		
44/ 43	.3	1.1	2.3	1.5	.9	.2												181	181	163	131		
42/ 41	.2	1.4	2.0	1.9	.7	.1												179	179	198	99		
40/ 39	.6	2.5	2.8	2.0	.2	.1												235	235	221	154		
38/ 37	.3	2.7	2.3	1.6	.2	.1												207	207	260	160		
36/ 35	.2	2.4	2.8	1.5	.3													208	208	246	191		
34/ 33	.5	2.2	2.2	.8	.2													167	167	218	221		
32/ 31	.3	1.6	1.2	.6														108	108	201	230		
30/ 29	.3	2.2	1.1	.2														113	113	152	209		
28/ 27	.3	1.4	1.1	.1														86	86	149	170		
26/ 25	.1	.8	.8	.0														51	51	87	166		
24/ 23		.6	.4															28	28	56	171		
22/ 21	.0	.6	.2															24	24	39	105		
20/ 19		.1																4	4	23	60		
18/ 17		.2	.0															6	6	9	68		
16/ 15		.3																9	9	4	66		
14/ 13		.2																7	7	12	53		
12/ 11		.0																1	1	3	24		
10/ 9		.0																1	1	1	19		
8/ 7																					9		
6/ 5																					14		
4/ 3	.1	.1																5	5	4	5		
Element (X)	Σ X <sup>2</sup>		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																							
Wet Bulb																							
Dew Point																							

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71  
USAFETAC

1

## PSYCHROMETRIC SUMMARY

FORT SILL OKLAHOMA/POST FLD

40-42, 45-72

MAR

STATION

STATION NAME

YEARS

**MONTH**

0300-0500

HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUL 73

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

40-42,45-72  
YEARS

YEAR

MAR  
MONTH

PAGE 1

0600-0800  
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point						
70/ 69				.0						.0								2	2								
68/ 67			.1	.1			.1				.0							8	8								
66/ 65		.0	.2	.2	.0	.1												16	16								
64/ 63	.0	.2	.3	.2	.0	.1	.0	.0		.1								33	33	8	1						
62/ 61	.0	.5	.3	.2	.0	.1	.1	.2	.1									42	42	19	8						
60/ 59	.2	.6	.6	.2	.2	.2	.2	.1										60	60	32	24						
58/ 57	.2	1.2	.8	.5	.3	.3	.1	.1										97	97	47	40						
56/ 55	.1	1.2	1.1	.6	.5	.3	.2											112	112	65	40						
54/ 53	.1	1.7	.9	.7	.4	.1	.2											123	123	76	66						
52/ 51	.1	1.2	1.1	.7	.9	.4	.1	.1										131	131	121	64						
50/ 49	.7	1.6	1.9	.8	.7	.2	.1	.0										177	177	111	107						
48/ 47	.4	1.4	1.6	1.5	1.3	.3	.2											192	192	158	91						
46/ 45	.4	2.0	1.5	1.9	1.0	.2	.0											199	199	152	116						
44/ 43	.2	1.4	2.2	1.6	.7	.2	.0											180	180	173	111						
42/ 41	.3	1.6	2.6	1.7	.5	.0												192	192	170	117						
40/ 39	.4	2.7	2.7	1.9	.5	.0												230	230	241	134						
38/ 37	.4	2.6	2.0	1.8	.3													202	202	249	145						
36/ 35	.5	2.3	2.8	.9	.3													192	192	246	215						
34/ 33	.2	1.9	2.6	.9	.1													165	165	198	186						
32/ 31	.4	2.2	1.8	.5	.0													137	137	189	228						
30/ 29	.4	1.9	1.8	.4														128	128	202	200						
28/ 27	.2	1.7	.9	.0														80	80	133	164						
26/ 25	.1	.9	.6															55	55	99	194						
24/ 23		.7	.6															37	37	60	165						
22/ 21	.0	.7	.3															30	30	35	98						
20/ 19	.0	.1																5	5	36	81						
18/ 17	.1	.2																8	8	7	64						
16/ 15		.2																6	6	6	69						
14/ 13		.3																8	8	10	43						
12/ 11	.1	.1																4	4	6	19						
10/ 9	.0																	1	1	3	18						
8/ 7																					26						
6/ 5		.0																1	1		16						
4/ 3		.1																2	2	2	2						
Element (X)	Σ x <sup>2</sup>				Σ x				x̄				σ <sub>x</sub>				No. Obs.				Mean No. of Hours with Temperature						
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



**1**

PAGE 2

MAR  
MONTH

STATION

STATION NAME

YEARS

MONTH

0600-0800  
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD 40-42,45-72

MAR  
MONTH

PAGE 1 0900-1100  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85													.0					1	1		
84/ 83													.0	.0				2	2		
82/ 81								.0	.0	.0					.0			4	4		
80/ 79									.1	.1	.1	.0						5	5		
78/ 77						.0	.0	.0	.0	.1	.0	.0	.0					9	9		
76/ 75				.0	.0	.1	.0	.2	.1	.0		.0						16	16		
74/ 73			.0	.0	.1	.1	.2	.1	.1	.1	.0	.0	.0					23	23		
72/ 71			.1	.3	.2	.2	.2	.2	.0	.1	.1	.1						37	37	1	
70/ 69		.0	.1	.1	.3	.4	.3	.1	.2	.2	.1	.0						55	55	1	1
68/ 67	.0	.1	.2	.3	.6	.3	.3	.3	.3	.2	.0							80	80	7	2
66/ 65			.4	.3	.4	.5	.6	.5	.4	.5	.2							109	109	19	4
64/ 63		.3	.2	.5	.9	.6	.6	.4	.5	.1	.1							118	118	26	4
62/ 61		.1	.6	.7	.8	.6	.6	.8	.7	.1								139	139	56	29
60/ 59	.0	.6	.7	.8	.7	.9	.9	.8	.4	.1								171	172	66	26
58/ 57	.1	.6	.6	.8	1.0	1.0	1.1	.9	.2									180	180	107	48
56/ 55		.7	.8	.7	.8	1.0	.9	.5	.1									156	158	125	61
54/ 53	.1	.5	.6	1.0	1.0	1.5	1.2	.5	.0									188	188	155	77
52/ 51	.2	.6	.7	1.0	1.3	.9	.6	.1										155	155	142	104
50/ 49	.1	.9	.8	1.3	1.7	1.2	.5	.2										190	190	172	89
48/ 47	.2	.9	1.0	1.1	1.5	.7	.2	.0										164	164	220	114
46/ 45	.2	.8	1.1	1.1	1.2	.8	.2	.0										158	158	243	116
44/ 43	.3	.8	1.1	1.1	.9	.3	.1											135	135	232	128
42/ 41	.2	1.4	1.4	1.3	.8	.4	.0											158	158	222	144
40/ 39	.3	.8	1.2	.7	.8	.1												113	113	200	164
38/ 37	.2	1.4	.8	1.3	.3	.1												120	120	193	156
36/ 35	.1	.8	1.6	1.0	.3													113	113	156	200
34/ 33	.1	1.0	1.1	.4	.1													80	80	114	187
32/ 31	.1	.7	1.0	.5	.0													69	69	149	167
30/ 29	.0	.6	.4	.4														41	41	105	206
28/ 27	.1	.1	.4	.1														18	18	51	164
26/ 25		.3	.2															15	15	27	163
24/ 23	.0	.3	.3	.0														18	18	35	125
22/ 21		.1	.1															5	5	15	100
20/ 19		.1	.0															5	5	11	72
Element (X)	Σ x <sup>2</sup>		Σ x		x̄		s <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1

353

MAR  
MONTH

HOURS (L, S, T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
(JUN 71)

## PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

1200-1400  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B.-W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point							
96/ 95																	.0	1	1								
94/ 93															.0		.0	2	2								
92/ 91													.0				.0	2	2								
90/ 89											.0	.1		.0			.1	7	7								
88/ 87											.0	.1			.2	.0	.0	13	13								
86/ 85											.1	.0	.2	.2	.0	.0	.0	17	17								
84/ 83									.1	.1	.2	.1	.1	.0	.0			22	22								
82/ 81						.0	.0	.1	.2	.1	.3	.2	.1	.1	.0			36	36								
80/ 79					.1	.0	.1	.2	.2	.2	.5	.2	.1	.1	.0			56	56								
78/ 77						.1	.3	.5	.3	.3	.5	.3	.2	.2				76	76								
76/ 75				.0	.1	.3	.4	.3	.3	.5	.3	.5	.2	.1				88	88								
74/ 73			.0	.0		.3	.6	.3	.5	.6	.5	.5	.2					102	102								
72/ 71			.0	.1	.2	.3	.6	.3	.8	.6	.5	.2	.1					108	108	4							
70/ 69			.1	.3	.5	.1	.4	.9	.7	1.0	.7	.3						142	142	9							
68/ 67			.1	.1	.2	.3	.8	.9	.8	1.1	.6	.1						146	146	23							
66/ 65		.1	.2	.2	.4	.8	1.1	.9	1.2	1.0	.3	.0						177	177	52							
64/ 63		.1	.2	.6	.3	.8	.9	.9	1.2	.7	.0							163	163	70							
62/ 61	.0	.3	.1	.2	.4	.5	.6	1.2	1.2	.4	.0							142	142	102							
60/ 59	.0	.1	.2	.4	.6	1.0	1.2	1.0	1.0	.3								168	168	124							
58/ 57	.0	.0	.4	.5	.3	1.0	1.2	1.1	.7	.2								158	158	126							
56/ 55	.0	.2	.6	.4	1.0	.8	.9	.8	.3									148	148	175							
54/ 53	.1	.5	.3	.3	.8	1.1	.9	.6	.1									133	133	200							
52/ 51	.1	.7	.2	.6	.7	1.0	1.0	.2	.0									132	132	243							
50/ 49	.0	.5	.4	.7	.9	.9	.8	.1										124	124	218							
48/ 47	.1	.5	.4	.8	.4	.6	.6	.1										100	100	244							
46/ 45	.1	.5	.3	.8	.8	.4	.2											92	93	222							
44/ 43	.1	.7	.5	.7	.5	.2	.4											88	88	189							
42/ 41	.1	.7	.6	.6	.6	.6												89	89	186							
40/ 39	.2	.6	.7	.8	.7	.1												91	91	148							
38/ 37	.2	.6	.4	.7	.4													64	64	124							
36/ 35	.2	.5	.8	.4	.4													65	65	108							
34/ 33	.2	.7	.3	.2	.2													44	44	100							
32/ 31	.0	.3	.1	.2	.0													21	21	89							
30/ 29	.0	.2	.1	.1														14	14	44							
Element (X)	Σ X <sup>2</sup>			Σ X			Σ			Σ <sup>2</sup>			No. Obs.			Mean No. of Hours with Temperature											
Ref. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

1

PAGE 2

YEARS

MAR  
MONTH

PAGE 2      1200-1400  
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

40-42, 45-72

YEARS

MAR  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																								TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point								
102/101																	.0	1	1									
100/ 99																	.0	1	1									
96/ 95																.0	.1	3	3									
94/ 93																.0	.0	2	2									
92/ 91												.0	.1		.1	.1	.1	14	14									
90/ 89												.0	.0	.1	.1	.4		18	18									
88/ 87											.1	.0	.2	.1	.1	.1	.0	21	21									
86/ 85										.1	.1	.3	.2	.1	.1	.0		27	27									
84/ 83									.2	.2	.1	.2	.1	.3	.2	.1		37	37									
82/ 81						.0	.0	.1	.2	.2	.2	.5	.3	.5	.1			62	62									
80/ 79					.0	.0	.1	.2	.7	.5	.3	.6	.3	.1				83	83									
78/ 77					.0	.1	.2	.2	.5	.6	.3	.7	.6	.2				98	98									
76/ 75					.1	.1	.2	.1	.5	.5	.5	.5	.2	.2				81	81									
74/ 73					.1	.3	.5	.4	.6	.9	.6	.5	.2	.0				113	113									
72/ 71		.0	.0		.2	.2	.5	.4	.7	1.1	1.1	.7	.1					150	150	2								
70/ 69		.0	.1	.1	.2	.2	.3	.6	.8	1.2	.9	.6						143	143	7	1							
68/ 67			.1	.2	.5	.2	.5	.8	1.1	1.7	1.0	.1	.0					182	182	34	3							
66/ 65		.0	.2	.2	.5	.6	1.0	1.1	1.0	1.1	.5							178	178	48	5							
64/ 63		.1	.1	.3	.5	.5	.9	1.2	1.1	1.0	.1							170	170	98	9							
62/ 61	.0	.1	.2	.3	.3	.9	1.1	1.2	.9	.8	.1							168	168	89	14							
60/ 59	.0	.0	.3	.2	.3	.7	.7	1.2	.7	.2								131	131	147	42							
58/ 57	.0	.1	.2	.4	.4	.9	.8	.7	.7	.2								126	126	155	42							
56/ 55	.1	.3	.1	.5	.4	.7	1.1	1.1	.2	.1								132	132	205	69							
54/ 53		.4	.4	.5	.4	1.2	.9	.9	.3									140	140	194	81							
52/ 51	.0	.4	.3	.4	.3	.9	.8	.5										104	104	263	89							
50/ 49	.2	.2	.4	.6	.3	.4	.8	.4										94	94	276	96							
48/ 47	.2	.3	.7	.8	.5	.7	.3											99	99	224	101							
46/ 45	.1	.4	.2	.7	.6	.7	.4	.1										91	91	190	127							
44/ 43	.1	.7	.5	.5	.5	.4	.1											79	79	196	117							
42/ 41	.2	.5	.6	.7	.3	.5												80	80	162	152							
40/ 39	.1	.5	.8	.3	.6	.2												68	68	132	175							
38/ 37	.1	.4	.6	.3	.2	.1												50	50	123	177							
36/ 35	.0	.7	.4	.3	.3													50	50	109	181							
34/ 33	.1	.5	.1	.1	.0													22	22	81	184							
Element (X)	Σ x <sup>2</sup>			Σ x		Σ		Σ x		No. Obs.		Mean No. of Hours with Temperature																
Rel. Hum.												≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total				
Dry Bulb																												
Wet Bulb																												
Dew Point																												



1

## YEARS

40-42, 45-72

MAR  
MONTH

PAGE 2      1500-1700  
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 73

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD

40-42,45-72

MAR  
MONTH

PAGE 1 1800-2000  
HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
98/ 97																.0	.0	1	1					
90/ 89																.0	.0	3	3					
88/ 87													.0			.0	.0	3	3					
86/ 85									.0	.1	.1	.1		.0	.1			10	10					
84/ 83										.0	.1	.1	.0	.1	.1	.0		14	14					
82/ 81										.1	.1	.1	.2	.0	.0			16	16					
80/ 79							.0	.2	.1	.2	.2	.1	.1	.1	.0			31	31					
78/ 77							.2	.1	.3	.3	.2	.3	.2	.1				45	45					
76/ 75					.1	.1	.1	.3	.2	.3	.4	.2	.1					52	52					
74/ 73					.1	.1	.3	.3	.3	.4	.3	.2	.2					64	64					
72/ 71			.0	.1	.2	.3	.5	.4	.4	.4	.2	.1	.1					78	78					
70/ 69			.1	.2	.3	.5	.3	.5	.6	.4	.3	.1	.0					95	95	4				
68/ 67			.2	.3	.5	.4	.6	.8	.7	.5	.4	.1						127	127	4				
66/ 65	.1	.1	.3	.5	.3	.7	.7	.9	.9	.5	.3	.1						155	155	31				
64/ 63		.1	.3	.6	.6	.5	.9	.7	1.1	.7	.1							160	160	52				
62/ 61		.1	.2	.5	.4	.9	.8	1.0	.8	.4	.0							150	150	82				
60/ 59	.1	.2	.4	.4	1.2	1.1	1.4	1.3	.5	.1								190	190	99				
58/ 57	.0	.3	.3	.7	1.4	.9	1.4	.8	.3	.1								179	179	122				
56/ 55	.2	.5	.5	.5	.9	.9	1.3	.7	.1	.0								164	164	159				
54/ 53	.1	.5	.3	.7	.8	1.3	1.2	.5	.2									159	159	175				
52/ 51	.2	.4	.5	.7	1.2	1.1	1.0	.2										151	151	207				
50/ 49	.3	.3	.7	.8	1.1	1.4	.8	.2										161	161	232				
48/ 47		.4	.8	.8	.9	.9	.6	.1										131	131	227				
46/ 45	.3	.9	1.0	.8	.7	.6	.3											135	135	246				
44/ 43	.1	.6	1.0	.8	.9	.3	.2											111	111	226				
42/ 41	.1	.7	.7	.6	.6	.5	.1											94	94	205				
40/ 39	.2	.6	.9	.7	.5	.2												91	91	183				
38/ 37	.1	.3	.7	.8	.6	.0												73	73	136				
36/ 35	.0	1.1	.8	.6	.2													78	78	122				
34/ 33	.0	.6	.5	.5	.1													50	50	112				
32/ 31	.0	.6	.3	.1	.1													34	34	95				
30/ 29	.3	.2	.3	.0	.0													26	26	67				
28/ 27		.1	.1	.1	.0													7	7	31				
26/ 25		.1	.1	.1														7	7	15				
Element (X)	Σ x <sup>2</sup>		Σ x		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total	
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																								
Wet Bulb																								
Dew Point																								

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71  
USAFETAC

## PSYCHROMETRIC SUMMARY

MAR  
MONTH

PAGE 2 1800-2000  
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE

# PSYCHROMETRIC SUMMARY

13945  
STATION

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

40-42,45-72  
YEARS

MAR  
MONTH

PAGE 1

2100-2300  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
80/ 79								.1	.0		.1							5	5		
78/ 77								.1	.1	.1		.0						8	8		
76/ 75					.0	.1	.1	.2	.1	.2			.0					20	20		
74/ 73					.0	.2	.1	.2	.1	.1	.0	.0	.0					24	24		
72/ 71				.0	.0	.2	.1	.2	.0	.1	.1							23	23		
70/ 69			.1	.1	.2	.2	.2	.1	.1	.2	.1	.0						38	38	1	
68/ 67	.1	.0	.2	.2	.3	.2	.3	.3	.4	.1								62	62	4	2
66/ 65	.1	.1	.3	.6	.5	.4	.3	.3	.2	.0	.0							82	82	16	3
64/ 63		.3	.6	.6	.3	.7	.4	.4	.2	.2	.0							110	110	33	9
62/ 61	.0	.3	.7	.7	.3	.6	.6	.5	.2	.2	.0							118	118	46	15
60/ 59	.0	.4	.4	.6	.6	.5	.6	.3	.2	.1								107	110	76	37
58/ 57	.1	.6	.7	.7	.7	1.2	1.2	.3	.3	.1								169	169	94	49
56/ 55	.3	.6	.8	1.0	1.2	1.3	1.0	.5	.1									198	198	92	71
54/ 53	.3	.9	.9	1.2	2.1	1.5	.7	.2	.1									226	226	130	80
52/ 51	.1	.5	.8	1.0	1.3	1.0	.4	.1										148	148	165	90
50/ 49	.2	.3	.5	1.5	1.3	1.4	.4	.0										162	162	145	82
48/ 47		.6	1.1	1.4	1.5	.9	.2	.0										163	163	181	82
46/ 45	.5	.9	1.4	1.6	2.0	1.0	.1											217	217	245	107
44/ 43	.3	1.0	1.6	1.0	1.4	.5	.2											178	178	223	142
42/ 41	.2	1.3	1.3	1.5	1.1	.2	.1											163	163	236	115
40/ 39	.4	1.3	1.1	1.2	.8	.2	.0											141	141	241	187
38/ 37	.1	1.1	1.3	.8	.7	.0												117	117	200	202
36/ 35	.0	1.0	1.2	.6	.1													84	84	190	220
34/ 33	.1	1.5	1.3	.9	.1													112	112	146	165
32/ 31	.2	.6	.8	.6	.0													64	64	130	226
30/ 29	.4	.6	1.0	.3														66	66	106	177
28/ 27	.1	.4	.3	.0														26	26	76	129
26/ 25		.1	.0	.1														6	6	45	167
24/ 23		.1	.2	.0														10	10	13	135
22/ 21		.1	.1															5	5	5	78
20/ 19		.1	.0															5	5	13	82
18/ 17		.0																1	1	5	66
16/ 15		.1																3	3	3	57
14/ 13																				1	28
Element (X)	$\Sigma x^2$		$\Sigma x$		$\bar{x}$		$\sigma_x$		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

**1**

0477 54321

MAR  
MONTH

2100-2300  
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

1

## PSYCHROMETRIC SUMMARY

MAR  
MONTH

2100-2900  
HOURS (1 5 7)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
11/1/71



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD

39-42, 45-72

APR  
MONTH

PAGE 1

0700-0200  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
84/ 83													.0					1	1	
80/ 79								.0				.0						2	2	
78/ 77					.1	.1	.0											5	5	
76/ 75				.1	.1	.1	.0			.0								15	15	
74/ 73		.1	.1	.4	.2	.1	.1	.1	.1		.0	.0						31	31	2
72/ 71		.1	.4	.7	.7	.2	.2	.2	.0			.1						76	76	3
70/ 69		.5	1.2	1.4	.7	.6	.2	.2	.1									142	144	16
68/ 67		.8	1.5	1.4	.9	.6	.2	.1	.2		.0							164	165	48
66/ 65	.1	1.6	1.7	1.3	.9	.7	.3	.2	.0	.1	.0							197	197	123
64/ 63	.3	1.9	1.3	1.4	.8	.5	.2	.2	.0	.0								191	191	171
62/ 61	.3	2.1	.9	1.1	.6	.7	.5	.3		.0								191	191	170
60/ 59	.5	2.1	1.2	1.0	1.2	1.0	.3	.1	.1	.0								219	219	213
58/ 57	.1	1.7	1.0	1.7	1.5	.9	.4	.2	.0	.0								215	216	178
56/ 55	.4	1.7	1.3	1.7	1.6	.8	.2	.1	.0	.0								219	220	173
54/ 53	.1	1.4	1.1	1.9	1.3	.7	.2	.0	.0									193	193	167
52/ 51	.1	1.2	1.6	1.6	1.5	.8	.0	.0										192	193	208
50/ 49	.3	.9	2.1	1.5	1.3	.4	.0											188	188	220
48/ 47	.1	1.2	1.9	1.3	.8	.2												146	146	220
46/ 45	.1	.9	1.2	1.1	.6	.0	.0											109	109	222
44/ 43	.1	.6	1.1	.9	.6	.1												95	95	162
42/ 41	.3	.6	1.2	.8	.3	.0												91	91	160
40/ 39	.0	.6	.7	.3	.2	.0												60	60	118
38/ 37	.0	.2	.2	.3	.1													26	26	98
36/ 35	.0	.2	.5	.1														23	23	58
34/ 33		.1	.4	.1														12	12	30
32/ 31	.0	.1	.1															7	7	32
30/ 29	.1	.0	.0															4	4	17
28/ 27			.0															1	1	4
26/ 25		.1																2	2	2
24/ 23																				2
22/ 21																				
20/ 19																				
18/ 17																				
16/ 15																				
Element (X)	Σ X <sup>2</sup>				Σ X				Σ				Σ X				No. Obs.			
Rel. Hum																	Mean No. of Hours with Temperature			
Dry Bulb																	≤ 0 F   ≤ 32 F   ≥ 67 F   ≥ 73 F   ≥ 80 F   ≥ 93 F   Total			
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

## PSYCHROMETRIC SUMMARY

APR  
MONTH

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD

39-42,45-72

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
78/ 77											.0							1	1				
76/ 75				.0														1	1				
74/ 73				.1	.0	.1	.0		.0	.0								9	9				
72/ 71		.1	.2	.3	.1	.2		.0	.1									28	28	3			
70/ 69		.2	.7	.4	.1	.1		.1		.0								48	48	5	6		
68/ 67	.0	1.2	2.0	.9	.1	.2	.1			.0								130	133	21	8		
66/ 65	.2	2.0	1.7	1.0	.5	.2	.1	.0	.0	.1								168	168	95	33		
64/ 63	.4	1.8	1.5	1.0	.6	.2	.1	.1	.0	.1								166	166	132	131		
62/ 61	.6	2.7	1.3	1.0	.5	.2	.3	.1	.1	.0								194	194	169	119		
60/ 59	.4	2.2	1.3	1.0	1.1	.6	.1	.1	.0	.0								194	194	158	137		
58/ 57	1.1	3.0	1.8	1.3	1.0	.5	.2	.2										255	255	200	184		
56/ 55	.4	2.0	1.6	1.7	1.2	.7	.1	.1	.0									224	225	183	162		
54/ 53	.4	1.5	1.7	1.5	.9	.7	.2											192	194	171	136		
52/ 51	.2	1.1	2.0	1.7	1.0	.4	.1	.1										184	184	172	134		
50/ 49	.7	1.3	2.1	1.5	1.4	.1	.2											207	207	214	136		
48/ 47	.2	1.7	2.2	1.8	1.4	.0	.1											211	211	202	146		
46/ 45	.2	1.4	1.3	1.1	.4	.1	.0											129	129	218	157		
44/ 43	.1	1.2	1.8	.9	.4	.1												127	127	204	173		
42/ 41	.2	1.3	1.8	.7	.0													114	114	168	195		
40/ 39	.1	.9	1.2	.6	.3													89	89	168	150		
38/ 37	.0	.9	.5	.7	.1													62	62	117	136		
36/ 35	.2	.2	.3	.6	.0													39	39	86	146		
34/ 33	.1	.1	.4	.0														19	19	46	157		
32/ 31		.2	.1	.1														13	13	38	105		
30/ 29	.0	.2	.1															8	8	32	60		
28/ 27	.1		.0															4	4	10	52		
26/ 25		.1																3	3	4	61		
24/ 23																				3	27		
22/ 21																					32		
20/ 19																					16		
18/ 17																					10		
16/ 15																					4		
14/ 13																					6		
Element (X)	$\Sigma x^2$		$\Sigma x$		$\bar{x}$		$s_x$		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																							
Wet Bulb																							
Dew Point																							

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

1

## YEARS

39-42, 45-72

APR  
MONTH

0300-0500  
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
11/11/71







## PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

0900-1100  
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD  
STATION STATION NAME

39-42,45-72  
YEARS

APR  
MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
100/ 99																	.0	1	1					
96/ 95																.0	.1	4	4					
94/ 93														.0		.0	.1	4	4					
92/ 91												.1	.1	.1	.2	.1	.0	18	18					
90/ 89									.0	.1	.0	.1	.2	.2	.1	.0	.1	24	24					
88/ 87								.0	.1	.2	.2	.2	.3	.3	.2	.0		50	50					
86/ 85							.0	.3	.5	.5	.4	.3	.5	.2	.1	.0		86	86					
84/ 83						.1	.3	.6	.4	.8	.5	.2	.4	.2	.1			104	104					
82/ 81				.1	.3	.7	1.0	.8	.6	.8	.4	.5	.2	.1				156	156					
80/ 79			.0	.3	.8	1.4	.9	.5	.7	.7	.8	.3	.3					191	191					
78/ 77				.1	.3	1.2	1.1	1.0	.9	.5	1.0	.6	.5	.1				211	211					
76/ 75			.0	.2	1.2	.7	1.1	1.0	.7	.6	.7	.3	.2	.0				197	197	1				
74/ 73		.0	.1	.2	.5	.9	.9	.7	.6	.9	.8	.4	.2					176	176	13				
72/ 71			.4	.6	.9	.6	.8	.8	.8	1.1	.7	.2	.1					198	198	57				
70/ 69		.2	.3	.8	.6	.7	.8	.8	1.0	.8	.3	.1						187	187	129				
68/ 67	.0	.3	.5	.5	.7	.6	.8	.9	1.0	.7	.3	.1						184	184	211				
66/ 65		.2	.3	.5	.5	.7	.6	1.0	1.1	.3	.1	.0						172	172	215				
64/ 63		.4	.6	.5	.6	.8	1.3	.7	.7	.2	.1							173	173	232				
62/ 61		.7	.5	.6	.5	.8	.7	.8	.6	.2								154	154	240				
60/ 59	.0	.5	.5	.3	.5	.9	.5	.3	.5	.1								128	128	217				
58/ 57	.1	.6	.5	.3	.5	.6	.7	.5	.2									113	113	261				
56/ 55	.1	.2	.3	.2	.4	.7	.5	.2	.1									78	78	222				
54/ 53		.5	.2	.4	.5	.2	.2	.2	.0									68	68	226				
52/ 51	.0	.3	.2	.4	.4	.3	.2	.0										55	55	210				
50/ 49	.1	.5	.2	.4	.3	.2	.1	.0										52	52	173				
48/ 47		.2	.2	.2	.1	.1	.0											23	23	136				
46/ 45	.1	.5	.2	.1	.0	.1	.0											28	28	130				
44/ 43		.2	.0	.1	.1													10	10	86				
42/ 41		.0	.1		.1	.0												6	6	49				
40/ 39		.1			.0													4	4	25				
38/ 37	.1																	3	3	15				
36/ 35	.0																	1	1	8				
34/ 33																				1				
32/ 31	.0																	1	1	2				
Element (X)	$\Sigma X^2$		$\Sigma X$		$\bar{X}$		$\sigma_x$		No. Obs.		Mean No. of Hours with Temperature											Total		
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD

39-42,45-72

YEARS

APR  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
100/ 99																.0		1	1						
98/ 97																.1		4	4						
96/ 95																.0	.1	5	5						
94/ 93											.0	.1	.0	.1	.0	.2	.1	15	15						
92/ 91										0	.1	.1	.2	.2	.1	.3	.2	35	35						
90/ 89									.1		.2	.6	.2	.4	.3	.2		63	63						
88/ 87									.3	.5	.6	.3	.4	.4	.3	.2		85	85						
86/ 85							.0	.4	.7	.3	.5	.7	.6	.2	.3			112	112						
84/ 83						.1	.2	.6	.5	.5	.9	.3	.5	.3	.3	.1		124	124						
82/ 81					.1	.2	.6	.7	.6	.7	.9	.6	.7	.3	.1			156	156						
80/ 79					.3	.6	.8	1.2	1.0	.5	.7	.9	.4	.3	.1			196	196						
78/ 77				.1	.3	.7	1.1	.9	.9	.7	1.1	.6	.1	.3				201	201						
76/ 75		.0		.3	.6	.9	.7	.9	1.1	.7	.9	.6	.5	.2				216	216	2					
74/ 73			.2	.4	.6	.6	.5	.6	.8	1.0	1.0	.6	.1					185	185	15					
72/ 71			.3	.6	.4	.3	.9	.7	1.0	1.0	.7	.2	.0					177	177	57	3				
70/ 69	.0	.2	.6	.8	.5	.6	.7	.5	.8	1.3	.6	.2						204	204	142	16				
68/ 67	.1	.2	.5	1.0	.4	.4	.3	1.2	.9	.9	.3							180	180	195	35				
66/ 65	.0	.2	1.0	.5	.4	.4	.9	.7	1.2	.6	.1	.1						172	172	249	77				
64/ 63		.4	.4	.6	.4	.7	1.0	.9	1.0	.4	.2							174	174	218	132				
62/ 61	.0	.6	.5	.3	.4	.5	.5	.8	.3	.1								117	117	278	146				
60/ 59	.1	.5	.3	.2	.2	.4	.6	.6	.4	.1								98	98	247	166				
58/ 57		.3	.2	.5	.3	.4	.4	.5	.1									77	77	263	162				
56/ 55		.1	.3	.3	.5	.3	.2	.4	.1									64	64	191	163				
54/ 53		.5	.2	.2	.3	.2	.1	.0	.1									46	46	240	125				
52/ 51	.0	.2	.3	.3	.2	.1	.2	.1										41	41	222	161				
50/ 49	.0	.5	.1	.3	.2		.1	.0										36	36	166	143				
48/ 47	.0	.3	.2	.1		.2	.1											27	27	133	135				
46/ 45	.2	.3	.1	.1	.0													20	20	95	141				
44/ 43	.1	.3	.1	.0	.1													15	15	77	181				
42/ 41	.0	.1		.0	.0													5	5	26	164				
40/ 39		.1	.1															7	7	19	163				
38/ 37	.1																	2	2	20	124				
36/ 35																				5	138				
34/ 33																					110				
Element (X)	Σ X <sup>2</sup>			Σ X			X̄			S <sub>x</sub>			No. Obs.			Mean No. of Hours with Temperature							Total		
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																									
Wet Bulb																									
Dew Point																									

9477-34321  
USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

13945	FORT SILL OKLAHOMA/POST FLD
STATION	STATION NAME

39-42, 45-72

APR

PAGE 2      1500-1700  
HOURS (L. S. T.)

[illegible]

1

## APP

YEARS

MONTH

1800-2000

1000      200  
HOURS      11-1-1

USAFETAC FORM 0-26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 77



## PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

1800-2000  
HOURS (L, S, T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

1

15395-27

39-42, 45-72

APR  
MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

U.S. AFETAC FORM 0-26-3 (QLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

APR

STATION

STATION NAME

YEARS

MONTH

2100-2300

HOURS (L. S. T.)

U.S. SAFETY FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD

39-42,45-72

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0000-0200

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
84/ 83					.0		.1											3	3				
82/ 81					.1	.1	.1		.1									9	9				
80/ 79			.0	.1	.1	.2	.2	.0		.0								21	21				
78/ 77			.1	.2	.4	.5	.2	.1		.0	.1							46	46				
76/ 75		.1	.4	1.0	.9	.8	.2	.1	.1	.1		.0						107	107	6			
74/ 73		.2	1.7	2.1	1.3	.7	.3	.2		.0	.0	.0						195	195	11	5		
72/ 71		.8	1.9	2.2	1.4	.8	.7	.1	.1	.0	.0	.0						244	244	44	14		
70/ 69	.1	1.3	3.7	2.0	1.6	.6	.4	.2										287	287	165	59		
68/ 67		1.6	2.6	2.2	1.1	.7	.3	.0										249	250	223	141		
66/ 65	.3	3.2	2.8	2.1	.9	.6	.3	.0	.1									303	304	315	202		
64/ 63	.5	3.6	2.6	1.8	1.0	.6	.3	.0										309	311	322	299		
62/ 61	.8	4.0	1.9	1.8	1.1	.4	.2											305	306	350	320		
60/ 59	.8	3.0	1.8	1.6	.8	.3	.2											251	251	344	308		
58/ 57	.4	1.6	1.7	.9	.8	.4	.0											171	171	271	324		
56/ 55	.3	1.7	1.3	1.0	.3	.1		.0										139	139	217	218		
54/ 53	.3	1.6	1.1	.7	.4	.1	.0											123	123	213	206		
52/ 51	.1	.8	.6	.4	.2	.0	.1											70	70	153	190		
50/ 49	.1	.5	.6	.3	.0		.0											49	49	120	170		
48/ 47	.1	.3	.4	.1		.0												26	26	72	113		
46/ 45		.5	.3	.1														29	29	51	116		
44/ 43		.1	.2	.1														11	11	43	81		
42/ 41		.2	.1															8	8	17	60		
40/ 39		.0		.0														2	2	16	50		
38/ 37			.0															1	1	3	36		
36/ 35																				1	23		
34/ 33																					7		
32/ 31																					4		
30/ 29																					2		
28/ 27																					6		
26/ 25																					1		
24/ 23																					2		
22/ 21																					1		
TOTAL	3.8	25.1	25.9	20.8	12.3	7.0	3.5	.8	.3	.2	.1	.1						2958	2963		2958		
Element (X)	Σx <sup>2</sup>		Σx		x̄		s <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature										Total		
Rel. Hum.	18193118		228220		77.213		9.998		2957		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F							
Dry Bulb	12345084		190000		64.1		7.384		2963				36.5	12.0	.6				93				
Wet Bulb	10507778		175980		59.5		6.837		2958				14.1	.5					93				
Dew Point	9585762		166620		56.3		8.090		2958				.5	6.9	.2				93				

USAF ETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

39-42, 45-72

MAY

PAGE 1      0300-0500  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

MAY  
MONTH

PAGE 1

0600-0800  
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26 3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
11 JAN 71



## PSYCHROMETRIC SUMMARY

YEARS

**MAY**  
**MONTH**

PAGE 2 0600-0800  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

<u>13945</u>	<u>FORT SILL OKLAHOMA/POST FLD</u>
STATION	STATION NAME

39-42, 45-72

MAY  
MONTH

PAGE 1 0900-1100  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point												
98/ 97											.0							1	1													
96/ 95												.0						1	1													
94/ 93										.0		.0						4	4													
92/ 91									.0	.1	.1	.1		.1	.1	.0		13	13													
90/ 89						.0		.1	.2	.1	.1	.1	.0	.1	.0			22	22													
88/ 87							.1	.2	.4	.2	.1	.0	.0	.0	.0	.0		35	35													
86/ 85						.1	.2	.7	.5	.5	.1	.1	.0	.0				71	71													
84/ 83					.2	.6	1.2	.8	.6	.4	.3	.2						123	123													
82/ 81			.1	.6	1.4	1.5	1.1	.5	.2	.2	.0	.0						167	167													
80/ 79		.0	.3	1.2	1.7	1.5	.9	.5	.1	.2	.2							195	195	1												
78/ 77		.2	.7	2.5	2.1	1.6	.7	.6	.4	.2	.0							267	267	4												
76/ 75		.2	1.9	2.3	2.1	1.6	1.3	.5	.4	.1			.0					305	305	23	1											
74/ 73		.0	.8	2.2	2.4	1.9	.9	.8	.5	.3	.2	.0	.0					302	302	92	7											
72/ 71		.1	1.3	1.5	1.8	1.4	1.1	.7	.4	.4	.1	.0						261	261	227	41											
70/ 69	.0	.3	1.3	1.7	1.4	.9	.7	.5	.5	.0	.0							223	225	321	91											
68/ 67	.1	.6	1.8	1.3	.9	.7	1.1	.4	.1	.0								213	214	344	228											
66/ 65	.1	1.3	1.5	1.1	.8	.7	.7	.3	.2									197	197	388	295											
64/ 63	.3	1.2	1.0	.6	.4	.7	.5	.4	.1	.1								157	157	343	323											
62/ 61	.2	.8	.7	.5	.7	.5	.2	.1	.1									114	114	273	334											
60/ 59	.4	1.1	.6	.5	.4	.4	.1	.1	.0									106	106	243	289											
58/ 57	.0	.4	.4	.3	.3	.5	.1											63	63	195	251											
56/ 55	.1	.2	.2	.3	.3	.2	.1	.0										41	41	157	199											
54/ 53	.1	.3	.1	.2	.2		.1											29	29	115	148											
52/ 51	.1	.1		.2	.1	.1												18	18	79	142											
50/ 49	.1	.1	.0	.1	.0	.0												14	14	66	112											
48/ 47		.0		.1		.0												5	5	42	130											
46/ 45		.1	.1		.0													9	9	20	82											
44/ 43																				11	74											
42/ 41																				10	61											
40/ 39																				2	63											
38/ 37																																

## PSYCHROMETRIC SUMMARY

39-42, 45-72

MAY

PAGE 2      0900-1100  
HOURS (L, S, T.)

[illegible]

## PSYCHROMETRIC SUMMARY

13945	FORT SILL OKLAHOMA/POST FLD
STATION	STATION NAME

39-42, 45-72

MAY  
MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

13945	FORT SILL OKLAHOMA/POST FLD
STATION	STATION NAME

39-42, 45-72

MAY  
MONTH

PAGE 2

1200-1400  
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD  
STATION STATION NAME

39-42,45-72  
YEARS

MAY  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
106/105																	.0	1	1					
104/103																.0	.1	5	5					
102/101															.0	.1	.1	6	6					
100/ 99												.0	.1		.0	.1	.1	11	11					
98/ 97												.3	.1	.1	.1	.2	.2	29	29					
96/ 95										.0	.2	.1	.2	.3	.2	.1	.2	39	39					
94/ 93									.1	.1	.5	.5	.3	.2	.1	.1	.1	61	61					
92/ 91									.6	.7	.6	.7	.3	.3	.2	.1	.1	108	108					
90/ 89							.1	.3	1.3	.9	1.1	.8	.5	.4	.1			164	164					
88/ 87						.0	.4	1.0	1.0	1.6	.9	.5	.4	.3	.2	.1		189	189					
86/ 85					.1	.5	1.2	2.1	2.3	1.2	1.2	.8	.4	.2	.0			295	295					
84/ 83				.0	.1	.8	1.2	2.0	1.1	1.0	.9	.5	.5	.1				243	243					
82/ 81				.1	.2	1.0	1.7	1.3	1.6	1.5	1.0	.3	.1	.1	.0			263	263					
80/ 79				.1	.8	1.5	1.6	1.5	.8	1.3	1.0	.3	.1	.0				265	266					
78/ 77		.0	.0	.2	.7	1.1	1.7	1.2	.9	.8	.7	.3	.1					232	232	15				
76/ 75		.1	.2	.6	.9	.8	.8	1.0	1.1	.5	.4	.1						197	197	110	3			
74/ 73	.0		.2	.9	.9	.5	.6	.9	1.2	.4	.1	.1						175	175	200	11			
72/ 71		.0	.6	.8	.8	.5	.8	.7	.5	.2	.1	.1						156	156	311	41			
70/ 69	.0	.1	.9	.8	.6	.4	.3	.6	.4	.4								134	134	400	117			
68/ 67	.1	.6	.3	.3	.6	.1	.1	.3	.1	.1	.1							80	80	335	202			
66/ 65	.1	.4	.4	.5	.2	.2	.6	.3	.1									88	88	368	266			
64/ 63	.1	.5	.4	.3	.2	.1	.2	.1	.1	.0								58	58	300	296			
62/ 61	.2	.3	.1	.2		.2	.3		.1									43	43	267	299			
60/ 59	.3	.3	.2	.2	.1	.1	.0											41	41	223	248			
58/ 57	.0	.4	.2	.0	.3		.0											31	31	134	228			
56/ 55	.1	.1	.0	.1	.2	.0												18	18	114	188			
54/ 53	.0	.2	.1		.0													12	12	75	200			
52/ 51		.0																1	1	44	163			
50/ 49			.2	.1														7	7	36	120			
48/ 47			.1															2	2	11	123			
46/ 45		.1																2	2	8	114			
44/ 43		.0																1	1	7	103			
42/ 41																					75			
40/ 39																					58			
Element (X)	Σx <sup>2</sup>				Σx				̄x	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature												
Rel. Hum.												≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																								
Wet Bulb																								
Dew Point																								

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
USAFETAC JUN 71



## PSYCHROMETRIC SUMMARY

13945  
STATIC

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42, 45-72

**MAY**  
**MONTH**

PAGE 2

1500-1700  
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD  
STAT 7N STATION NAME

39-42,45-72

YEARS

MAY  
MONTH

PAGE 1 1800-2000  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
102/101																	.0	1	1					
100/ 99												.0	.0				.0	1	1					
98/ 97												.1	.0			.0		3	3					
96/ 95											.1		.1	.1	.1	.0		11	11					
94/ 93										.0	.0	.0	.0	.0	.1	.0		8	8					
92/ 91								.0	.1	.2	.2	.1	.0	.1	.0		.1	29	29					
90/ 89								.2	.2	.3	.3	.4	.0	.1	.1			49	49					
88/ 87								.3	.4	.6	.6	.5	.2	.2	.1	.1	.0	92	92					
86/ 85				.0	.2	.5	.9	.7	.8	.5	.3	.1	.3	.1				133	133					
84/ 83			.1	.1	.7	.8	1.4	1.1	.9	.5	.1	.1	.1	.0				176	176					
82/ 81			.1	.6	1.0	1.7	1.4	1.0	.7	.5	.2	.1						221	221					
80/ 79			.3	.9	2.2	1.7	1.5	.8	.6	.4	.4	.1						261	261					
78/ 77			.1	1.0	1.6	1.7	1.3	.8	.4	.3	.2	.0						269	269	7				
76/ 75		.0	.3	1.0	1.7	1.8	1.6	.8	.9	.5	.2	.1						267	267	45	4			
74/ 73	.0		.4	1.7	1.8	1.3	1.3	1.1	.5	.3	.0	.0						255	255	110	10			
72/ 71		.2	.6	1.4	1.3	1.0	1.1	.8	.6	.3	.1	.0						220	220	227	37			
70/ 69		.3	1.1	1.4	1.0	.9	.8	.8	.6	.1								215	215	331	115			
68/ 67	.1	.5	1.3	1.1	.7	.9	.6	.6	.1	.1	.1							179	179	343	170			
66/ 65	.2	.8	.9	.9	.7	.7	.8	.2	.0	.0	.0							162	162	411	259			
64/ 63	.2	1.0	.9	.5	.6	.5	.4	.1	.0									127	127	321	332			
62/ 61	.2	.9	.4	.4	.3	.5	.4		.0									91	91	289	292			
60/ 59	.2	.8	.2	.4	.2	.3	.2	.0		.0								69	69	270	258			
58/ 57	.2	.5	.4	.1	.3	.2	.1											50	50	198	296			
56/ 55	.1	.1	.3	.2	.2	.0	.0											29	29	156	202			
54/ 53	.2	.2	.1	.1	.1	.0												21	21	107	175			
52/ 51	.0	.1	.2	.0	.0													10	10	61	170			
50/ 49			.1	.1														7	7	39	139			
48/ 47			.1	.0														3	3	24	96			
46/ 45		.2	.1															8	8	10	94			
44/ 43		.0																1	1	18	94			
42/ 41																				1	91			
40/ 39																					50			
38/ 37																					40			
36/ 35																					13			
Element (X)	Σ X <sup>2</sup>		Σ X		X		Σ X		No. Obs.		Mean No. of Hours with Temperature												Total	
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

MAY

MONTH

HOURS (L. S. T.)

USAFETAC FORM 0-26 3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

1

## YEARS

39-42, 45-72

MAY  
MONTH

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
88/ 87							.1	.0	.1			.0						4	4					
86/ 85						.1	.0	.2	.1	.0			.0					14	14					
84/ 83					.1	.0	.1	.1	.1	.1	.0	.0	.1					20	20					
82/ 81				.1	.3	.3	.7	.4	.3	.0		.0		.0				64	64					
80/ 79			.0	.4	.9	.8	.9	.4	.3	.1	.1	.0						117	117					
78/ 77			.1	.9	1.5	1.0	.9	.2	.2	.1	.0							149	149					
76/ 75			.9	2.2	2.0	1.8	1.0	.3	.2	.2	.0							254	254	13				
74/ 73		.1	1.1	2.7	1.7	1.6	1.0	.5	.2	.0	.0							264	264	30				
72/ 71	.0	.4	1.5	2.5	1.8	1.2	.6	.4	.2	.1								259	259	129				
70/ 69		.7	2.3	2.0	1.8	1.3	.7	.4	.1									273	273	236				
68/ 67	.2	1.5	2.8	1.5	1.4	1.2	.7	.3	.2	.0								285	285	310				
66/ 65	.3	1.8	2.6	2.2	1.3	.7	.5	.2	.0									283	283	335				
64/ 63	.3	2.4	2.1	1.3	1.1	.9	.3	.2										255	255	353				
62/ 61	.6	1.7	1.5	1.5	.7	.5	.2	.1										200	200	344				
60/ 59	.2	1.7	.8	1.1	1.0	.4	.1											158	158	307				
58/ 57	.3	1.5	.9	1.0	.5	.2	.2	.0	.0									136	136	245				
56/ 55	.2	.5	.8	.8	.3	.1	.0											80	80	186				
54/ 53	.1	.4	.4	.3	.4	.0	.0	.0										51	51	154				
52/ 51	.3	.4	.4	.3	.1													44	44	133				
50/ 49	.0	.2	.2	.2	.0													20	20	68				
48/ 47			.1	.0														5	5	48				
46/ 45		.1	.3	.1														17	17	30				
44/ 43		.1	.0	.1														5	5	21				
42/ 41		.0																1	1	10				
40/ 39																				5				
38/ 37																				1				
36/ 35																								
34/ 33																								
32/ 31																								
30/ 29																								
22/ 21																								
20/ 19																								
TOTAL	2.4	13.4	19.0	21.2	16.8	12.1	7.9	3.9	2.0	.7	.2	.1												



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

## PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD  
STATION STATION NAME

39-42,45-72  
YEARS

JUN  
MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point				
86/ 85								.0	.0									2	2						
84/ 83							.0	.2	.1		.0							11	11						
82/ 81				.2	.2	.1	.6	.2										35	35						
80/ 79			.1	.5	.5	1.1	.7	.2	.0	.1								88	88						
78/ 77		.2	.9	1.3	2.3	1.2	.4	.2	.1									187	187						
76/ 75	.1	.8	2.3	4.0	2.3	1.2	.4											309	309	23	6				
74/ 73		1.9	5.2	4.2	2.0	.8	.1											405	405	84	38				
72/ 71	.1	3.1	5.3	3.8	1.7	.2	.0											402	402	234	103				
70/ 69	.3	4.9	4.6	2.4	.5	.1												362	362	360	244				
68/ 67	.4	4.5	2.6	1.1	.4	.0												283	283	538	497				
66/ 65	1.2	4.7	3.0	.7	.4	.0												281	281	467	506				
64/ 63	.8	3.0	1.3	.6	.1													165	165	368	453				
62/ 61	.2	1.7	1.0	.3	.1													93	93	197	338				
60/ 59	.5	1.5	1.1	.4	.1	.0												100	100	121	248				
58/ 57	.0	.8	.4	.1	.1													40	40	92	126				
56/ 55	.1	.9	.2	.1														36	36	63	108				
54/ 53		.4	.2	.1														21	21	43	61				
52/ 51		.0	.1	.1														5	5	21	44				
50/ 49		.1																4	4	7	26				
48/ 47																				9	16				
46/ 45																				2	6				
44/ 43																					3				
42/ 41																					4				
40/ 39																					1				
TOTAL	3.6	28.7	29.1	19.8	10.5	4.8	2.2	.8	.2	.1	.0							2829	2829	2829	2828				
Element (X)	ΣX²		ΣX		X		°X		No. Obs.		Mean No. of Hours with Temperature												Total		
Rel. Hum.	18978349		229415		81.2		1.302		2827		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90								
Dry Bulb	13949155		197973		70.0		5.797		2829				66.3	33.0	2.7		90								
Wet Bulb	12321096		186220		65.8		4.723		2829				45.8	3.4			90								
Dew Point	11525499		179967		63.6		5.076		2828				28.3	1.4			90								

USAF ETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



9477 34321

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

**YEARS**

PAGE 1 0600-0800  
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD

39-42,45-72

JUN  
MONTH

PAGE 1 0900 1100  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE															DEPRESSION (F)					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
102/101															.0	.1		3	3					
100/ 99													.1	.0	.0	.0		5	5					
98/ 97												.1	.2	.1				10	10					
96/ 95									.0	.1	.4	.1	.4	.1	.1			32	32					
94/ 93								.0	.2	.5	.8	.2	.3					58	58					
92/ 91							.1	.3	.9	1.5	.7	.1	.1					106	106					
90/ 89					.2	.5	2.1	2.1	1.3	.3	.2	.0						201	201					
88/ 87				.0	.7	2.3	2.5	2.1	.7	.4	.1							247	247					
86/ 85				.5	1.7	3.6	2.5	1.1	.1	.2	.0							276	276					
84/ 83			.1	1.1	3.7	3.1	1.8	.7	.4	.0								310	310					
82/ 81			.7	2.1	3.0	2.7	1.2	.4	.1									288	288	1				
80/ 79		.2	1.0	2.6	2.5	1.6	.5	.4	.1	.0								250	250	12				
78/ 77		.4	2.3	2.8	1.5	1.0	.5	.2	.0									245	245	94	1			
76/ 75	.1	.3	2.1	2.1	1.0	.6	.2	.0	.1									187	185	373	23			
74/ 73	.2	.9	2.2	.8	.8	.3	.1	.1										152	152	542	100			
72/ 71	.4	1.5	1.5	.6	.5	.2	.1	.0										134	134	502	251			
70/ 69	.0	.5	1.2	.7	.4	.2	.0		.0									98	98	462	447			
68/ 67	.0	.6	1.0	.4	.3	.5	.2	.1	.0									87	87	284	483			
66/ 65	.2	.8	.7	.2	.2	.2	.1	.0										68	68	212	499			
64/ 63	.1	.2	.2	.5	.2	.1												34	34	130	375			
62/ 61	.0	.2	.1	.0	.2	.0	.0											17	17	81	187			
60/ 59	.2	.1	.1	.1	.1													12	12	49	138			
58/ 57	.1	.1	.1															9	9	43	96			
56/ 55																				25	93			
54/ 53																				14	48			
52/ 51																				3	28			
50/ 49																					19			
48/ 47																					21			
46/ 45																					7			
44/ 43																					5			
42/ 41																					3			
40/ 39																					2			
38/ 37																					1			
Element (X)	Σ x²			Σ x			Σ			Σ x			No. Obs.			Mean No. of Hours with Temperature								
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

## PSYCHROMETRIC SUMMARY

JUN  
MONTH

**STATION**

STATION NAME

YEARS

MONTH

0900-1100

HOURS (L, S, T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD

39-42,45-72

JUN

STATION

STATION NAME

YEARS

PAGE 1

1200-1400  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
110/109																	.0	1	1						
108/107																	.1	3	3						
106/105																	.1	2	2						
104/103														.0	.0	.1	.0	7	7						
102/101													.1	.4	.2	.1	.1	24	24						
100/ 99											.0	.4	.9	.6	.1	.1	.1	64	64						
98/ 97									.1	.0	.7	1.2	1.2	.5	.1			108	108						
96/ 95									.5	.8	1.8	2.1	.7	.7	.0			175	175						
94/ 93								.1	.5	1.2	2.9	2.1	1.1	.6	.2			242	242						
92/ 91								.2	1.3	2.8	2.8	1.5	.7	.4	.1			279	279						
90/ 89							.1	1.4	2.4	3.3	2.5	1.0	.4	.2				321	321						
88/ 87							.5	1.7	2.9	2.2	1.3	.8	.6					283	283						
86/ 85					.1	1.4	2.3	3.0	1.9	.6	.5	.1						284	284						
84/ 83					.2	1.4	2.2	1.8	.6	.5	.1	.2						203	203	1					
82/ 81				.2	.5	1.8	1.7	1.0	.6	.4	.1	.0						178	178	6					
80/ 79			.0	.2	1.2	2.5	.8	.6	.2	.1	.0							163	163	53	1				
78/ 77			.0	.5	1.3	.8	.6	.4	.3	.1	.0							115	115	229	2				
76/ 75		.1	.2	.6	1.0	.5	.5	.3	.2	.1								98	98	534	31				
74/ 73	.0	.2	.3	.8	.6	.1	.2	.2	.1	.0								73	73	563	116				
72/ 71	.1	.1	.6	.2	.3	.3	.4	.2	.1	.1								68	68	478	201				
70/ 69	.0	.3	.3	.5	.2	.1	.2		.1	.0								51	51	372	384				
68/ 67	.1	.4	.2	.2	.1	.1	.0											31	31	217	491				
66/ 65	.0	.3	.2	.1	.1	.1												24	24	156	477				
64/ 63	.1	.1	.1	.1	.0													12	12	79	380				
62/ 61		.2	.0		.0													7	7	54	229				
60/ 59		.1	.0	.1	.0													7	7	49	135				
58/ 57			.0	.0														2	2	15	117				
56/ 55		.0	.0															2	2	11	79				
54/ 53																				9	84				
52/ 51																				1	43				
50/ 49																					24				
48/ 47																					19				
46/ 45																					4				
42/ 41																					7				
Element (X)	ΣX <sup>2</sup>			ΣX			X̄			σ <sub>x</sub>			No. Obs.			Mean No. of Hours with Temperature									
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

13945  
STATIC

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-42, 45-72

**JUN**  
**MONTH**

PAGE 2

1200-1400  
HOURS (L. T. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD  
STATION STATION NAME

39-42,45-72  
YEARS

JUN  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
112/111																	.0	1	1		
108/107																	.1	3	3		
106/105															.0	.1	.2	8	8		
104/103														.1	.3	.3	.1	24	24		
102/101												.2	.4	.7	.2	.1	.44	44	44		
100/ 99										.0	.2	.5	1.1	.9	.5	.4	.1	105	105		
98/ 97									.1	.4	.8	1.3	1.8	.8	.2	.0		56	156		
96/ 95									.2	.8	1.9	2.4	1.4	.5	.2			212	212		
94/ 93								.4	1.0	2.2	3.0	1.1	1.0	.2				246	246		
92/ 91							.4	1.4	2.4	3.3	2.4	.9	.5	.1				321	321		
90/ 89					.0	.1	.5	2.0	3.5	2.7	1.9	.8	.4	.1				343	343		
88/ 87					.0	.5	1.2	2.7	2.6	1.8	1.0	.5	.1					294	294		
86/ 85					.0	.8	2.2	2.9	1.0	.8	.5	.0						230	230		
84/ 83				.1	.1	1.4	1.9	1.8	.9	1.0	.4							212	212		
82/ 81			.0	.1	.4	1.3	1.9	.9	.4	.2	.1							150	150	9	
80/ 79			.0	.2	.7	1.2	.6	.3	.5	.2	.4							115	115	62	1
78/ 77		.1	.1	.4	.6	.7	.5	.2	.4	.2	.0							93	93	208	6
76/ 75		.2	.2	.6	.5	.4	.3	.3	.1	.1								74	74	492	37
74/ 73	.1	.1	.1	.5	.4	.3	.4	.1	.2	.0								67	67	679	81
72/ 71	.0	.1	.3	.2	.1	.2	.2	.1	.0	.0	.0							41	41	484	174
70/ 69		.4	.3	.3	.1	.2	.0											39	39	364	334
68/ 67		.1	.2	.1	.1	.1	.1											18	18	213	452
66/ 65		.2	.1		.1													11	11	130	474
64/ 63	.0	.0	.2				.0											10	10	66	358
62/ 61		.3			.1													12	12	56	282
60/ 59				.1														3	3	39	199
58/ 57																				17	133
56/ 55																				5	125
54/ 53																				7	68
52/ 51																				1	36
50/ 49																					33
48/ 47																					19
46/ 45																					10
44/ 43																					6
Element (X)	Σ X <sup>2</sup>			Σ X			X̄		σ <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature								
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 9-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

**JUN**  
**MONTH**

PAGE 2

1500-1700  
HOURS (L. S. T.)

[illegible]

**USAFETAC** FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
11 JUN 71

## PSYCHROMETRIC SUMMARY

YEARS

JUN  
MONTH

1800-2000  
HOURS (L, S, T)

[illegible]



1

JUL  
MONTH

STATION

STATION NAME

YEARS

MONTH

0000-0200

HOURS (L. S. T.)

**USAFETAC**      **0-26-3 (OL A)**      **PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE**  
**FORM**  
**JUN 71**

## PSYCHROMETRIC SUMMARY

**YEARS**

PAGE 1      0300-0500  
HOURS (L. S. T.)

[illegible]





## PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 0900-1100  
HOURS (L. S. T.)

[illegible]

**1**

## PSYCHROMETRIC SUMMARY

39-41, 45-72

44  
MONTA

PAGE 1 1200-1400  
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 JUL  
MONTH 1500-1700  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
110/109																	.1	3	3					
108/107																	.3	9	9					
106/105																.1	1.5	55	55					
104/103													.1	.4	.9	1.4	.9	105	105					
102/101												.1	.6	1.6	2.0	1.1	.5	166	166					
100/ 99											.1	.8	2.4	3.1	2.2	.2	.0	251	251					
98/ 97										.2	1.3	3.2	3.5	2.8	.7	.1	.0	337	337					
96/ 95								.0	.1	.9	5.1	5.0	1.9	.6	.3	.0		398	398					
94/ 93							.1	.1	1.2	3.3	3.2	2.0	.7	.2	.1			309	309					
92/ 91						.2	1.1	2.5	2.4	1.5	.8	.3						248	248					
90/ 89					.0	.1	.7	2.2	1.6	1.5	.6	.2	.2		.0			205	205					
88/ 87						.4	1.3	2.3	1.5	.6	.1	.1	.1					181	181					
86/ 85			.0		.2	.8	2.0	1.3	.7	.2	.2	.1						159	159					
84/ 83				.0	.4	1.3	1.0	.4	.6	.3	.3							122	122					
82/ 81				.3	.5	1.1	.3	.2	.1	.4								84	84	8				
80/ 79		.0	.2	.6	.6	.3	.3	.2	.2	.1								71	71	37				
78/ 77		.1	.5	.3	.5	.2	.1	.0		.1								49	49	301				
76/ 75		.2	.5	.3	.1	.1	.1		.0									41	41	836				
74/ 73		.0	.4	.0														12	12	854				
72/ 71		.1	.1	.1		.1												12	12	451				
70/ 69	.0		.1	.1	.1													9	9	182				
68/ 67		.1	.0	.0														4	4	71				
66/ 65	.0		.1	.0														4	4	61				
64/ 63																				25				
62/ 61		.0																1	1	7				
60/ 59																				2				
58/ 57																								
56/ 55																								
54/ 53																								
52/ 51																								
50/ 49																								
48/ 47																								
46/ 45																								
42/ 41																								
Element (X)																								

## PSYCHROMETRIC SUMMARY

YEARS

JUL  
MONTH

1500-1700  
HOURS (L, S, T)

[illegible]

## PSYCHROMETRIC SUMMARY

JUL

STATION

STATION NAME

**YEARS**

MONTH

PAGE 1 1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRFSSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
106/105																	.1	2	2					
104/103																.1	.3	21	21					
102/101												.0	.1	.2	.4	.5	.1	41	41					
100/ 99										.0		.1	.6	1.0	.8	.3		78	78					
98/ 97									.0	.0	.3	.9	2.0	1.8	.7	.1		164	164					
96/ 95								.0		.4	1.6	2.7	2.3	.8	.1	.1		226	226					
94/ 93							.0	.0	.3	1.8	3.2	2.6	1.5	.4	.1			281	281					
92/ 91						.0		.5	1.7	3.4	2.7	1.3	.4					284	284					
90/ 89						.1	.4	2.6	3.3	3.0	1.8	.7	.2	.0				341	341					
88/ 87					.1	.5	1.9	2.7	2.7	1.0	.4	.2						271	271					
86/ 85			.0	.1	.2	1.8	3.0	2.4	.9	.5	.2	.2						268	268					
84/ 83				.2	.9	2.9	1.6	1.2	.4	.3	.2							215	215	1				
82/ 81			.1	.5	1.3	1.9	1.0	.6	.3	.4	.1							176	176	5				
80/ 79			.1	1.2	1.5	.8	.6	.1	.2	.1								134	134	15				
78/ 77		.1	.9	1.2	.9	.6	.2	.2	.1									120	120	128				
76/ 75		.2	.8	.9	.4	.4	.2	.0	.0									82	82	552				
74/ 73	.1	.2	.9	.6	.0	.2	.1		.0									63	63	846				
72/ 71	.1	.3	.3	.1	.1	.1		.0										28	28	668				
70/ 69		.2	.1	.1		.0												14	14	339				
68/ 67		.1	.1	.0														6	6	137				
66/ 65			.0															1	1	63				
64/ 63		.0	.0															2	2	49				
62/ 61		.1																3	3	11				
60/ 59																			6	210				
58/ 57																			1	129				
56/ 55																				94				
54/ 53																				39				
52/ 51																				28				
50/ 49																				9				
48/ 47																				5				
46/ 45																				1				
TOTAL	.2	1.3	3.4	5.1	5.4	9.4	9.0	10.5	10.0	11.0	10.5	8.8	7.1	4.3	2.2	1.3	.5	2821	2821	2821				
																		2821	2821					
Element (X)	ΣX <sup>2</sup>		ΣX		Σ		Σ <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	7697533		140081		49.7		16.217		2821		± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F		Total	
Dry Bulb	21973275		248153		88.0		7.150		2821						92.8		91.2		90.8		26.8		93	
Wet Bulb	14835441		204397		72.5		3.022		2821						88.7		51.0		.3				93	
Dew Point	12078608		184024		65.2		5.125		2821						42.3		3.8						93	

## PSYCHROMETRIC SUMMARY

JUL  
MONTH

2100-2300  
HOURS (L. S. T.)

[illegible]

USAF TAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

AUG

PAGE 1 0000-0200  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

39-41, 44-72

YEARS

AUG  
MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD

39-41,44-72

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point							
106/105																	.1			.1	3	3					
104/103																	.1			.1	2	2					
102/101														.0	.1	.1	.1			.1	12	12					
100/ 99											.0	.1	.4	.3	.2	.2	.0			.0	37	37					
98/ 97										.0	.1	.7	.5	.6	.1	.1	.0			.0	67	67					
96/ 95										.1	1.3	1.7	.8	.4	.2	.0	.0			.0	133	133					
94/ 93							.0	.1	.4	1.3	2.8	1.0	.4	.1	.0	.0					183	183					
92/ 91						.0	.4	1.5	2.4	1.8	.7	.3	.1	.1							215	215					
90/ 89					.2	.6	1.6	3.0	2.5	1.2	.2	.1	.0								286	286					
88/ 87				.0	.3	2.3	3.2	2.6	1.0	.4	.1	.1									295	295					
86/ 85				.2	1.6	3.2	3.0	1.6	.8	.2	.1	.1									319	319					
84/ 83			.1	1.0	2.8	3.3	1.7	1.0	.2	.2	.1										308	308					
82/ 81	.0	.0	.5	1.9	2.6	1.6	1.1	.6	.3	.2											257	257	1				
80/ 79	.3	1.1	2.3	1.6	1.3	.6	.4	.2	.1												236	236	21	1			
78/ 77	.0	.6	2.0	1.6	.9	.7	.3	.2	.1	.1											195	195	102	2			
76/ 75	.1	1.0	1.5	.7	.7	.4	.3	.1													147	147	484	29			
74/ 73	.5	1.0	.8	.2	.6	.1	.0	.2	.1												105	105	769	89			
72/ 71	.1	.7	.6	.4	.3	.1	.1	.1	.0												77	77	668	242			
70/ 69	.7	.4	.2	.2	.2	.1	.0														53	53	417	524			
68/ 67	.2	.0	.2	.1	.0																15	15	215	576			
66/ 65	.0	.1	.1	.2	.1	.0															16	16	126	481			
64/ 63	.0	.0																			2	2	76	313			
62/ 61			.0																		1	1	47	240			
60/ 59	.0		.0																		2	2	26	169			
58/ 57	.1																				2	2	12	108			
56/ 55																							7	65			
54/ 53																								44			
52/ 51																								31			
50/ 49																								24			
48/ 47																								17			
46/ 45																								10			
44/ 43																								3			
42/ 41																								2			
40/ 39																								1			
Element (X)	Σ X <sup>1</sup>				Σ X				Σ				Σ <sub>x</sub>				No. Obs.				Mean No. of Hours with Temperature						
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																											
Wet Bulb																											
Dew Point																											

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71  
USAFETAC

## PSYCHROMETRIC SUMMARY

AUG

STATION

STATION NAME

YEARS

**MONTH**

PAGE 2

0900-1100

MOUSS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD  
STATION STATION NAME

39-41,44-72  
YEARS

AUG  
MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
110/109																	.0	1	1						
108/107																	.7	21	21						
106/105														.0	.1	.3	.7	35	35						
104/103												.0	.0	.2	1.1	1.0	.7	94	94						
102/101												.0	.5	2.0	1.9	.9	.4	168	168						
100/ 99											.1	.5	2.1	2.7	.8	.5	.1	204	204						
98/ 97								.0	.1	.2	.7	2.3	3.3	1.2	.6	.1	.1	257	257						
96/ 95								.1	.7	2.3	4.4	1.9	.8	.2	.1			312	312						
94/ 93								.1	.8	2.2	2.8	1.9	.7	.3	.2			267	267						
92/ 91							.0	.9	2.0	3.3	2.3	.7	.7	.2	.0			304	304						
90/ 89						.1	.5	1.6	3.2	2.2	1.2	.9	.3	.1				300	300						
88/ 87						.2	.9	2.2	1.6	1.2	.8	.5	.1	.0	.1			231	231						
86/ 85				.0	.2	.7	1.8	1.3	.9	.8	.6	.2	.2	.0				199	199						
84/ 83				.4	1.7	1.2	1.0	.7	.4	.5	.2							177	177	1					
82/ 81			.1	.9	1.2	.5	.4	.2	.1	.2	.1	.0						112	112	3					
80/ 79		.0	.1	.4	1.1	.7	.2	.2	.1	.2	.0							96	96	47	1				
78/ 77			.1	.7	.4	.2	.5	.1	.1	.1								64	64	233	8				
76/ 75		.1	.5	.6	.2	.1	.1	.1	.1									49	49	668	14				
74/ 73	.1	.2	.3	.1	.1	.2	.1	.0										35	35	874	63				
72/ 71		.2	.1	.0	.0	.1												14	14	490	178				
70/ 69		.1	.1	.0	.0	.1	.0											10	10	301	387				
68/ 67		.1	.1	.1	.0													7	7	161	412				
66/ 65				.1														2	2	90	495				
64/ 63			.0															1	1	48	431				
62/ 61		.1	.0															3	3	28	304				
60/ 59																				21	196				
58/ 57																				1	157				
56/ 55																					106				
54/ 53																					65				
52/ 51																					61				
50/ 49																					39				
48/ 47																					19				
46/ 45																					10				
44/ 43																					7				
Element (X)	Σ x <sup>2</sup>			Σ x			Σ			Σ x			No. Obs.			Mean No. of Hours with Temperature									
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																									
Wet Bulb																									
Dew Point																									

9427-54321  
FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71  
USAFETAC



## PSYCHROMETRIC SUMMARY

13945	FORT SILL OKLAHOMA/POST FLD
STATION	STATION NAME

39-41,44-72

AUG  
MONTH

PAGE 2

1200-1400  
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD

39-41.44-72

YEARS

AUG  
MONTH

PAGE 1

1500-1700  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.				Dry Bulb	Wet Bulb	Dew Point		
110/109																	.2					3	5			
108/107																	.7					25	25			
106/105																.2	.7					75	75			
104/103												.0		.2	1.8	1.7	1.0					141	141			
102/101										.0	.2	.5	2.0	3.5	2.0	.6	.3					194	194			
100/99										.0	.2	.5	2.0	3.5	2.0	.6	.3					269	269			
98/97									.0	.2	1.0	1.1	3.5	1.6	1.0	.3	.1					263	263			
96/95								.0	.1	.6	1.9	3.1	2.5	1.3	.5	.0	.0					301	301			
94/93							.0	.2	.6	1.3	2.9	2.8	1.4	.3	.3							294	294			
92/91							.0	.5	1.3	2.7	2.3	1.4	1.1	.3	.1							307	307			
90/89						.4	.8	2.3	2.2	1.1	.7	.6	.2	.1								250	250			
88/87					.0	.8	1.5	1.9	1.3	.6	.3	.4	.1	.1								209	209			
86/85				.0	.6	1.4	1.1	.7	.9	.3	.3	.3	.1									171	171			
84/83			.0	.3	1.2	.9	.8	.8	.5	.1	.2											143	143			
82/81		.0	.0	.3	.3	1.0	.4	.3	.2	.1	.1	.1										81	81	7		
80/79	.0		.1	.5	.5	.5	.2	.3	.2													72	72	35		
78/77	.0	.1	.5	.6	.1	.2	.1	.3		.1												58	58	185	4	
76/75		.2	.5	.3	.3	.1	.1	.1														49	49	564	15	
74/73	.1	.2	.3	.1	.1	.0	.0	.1														28	28	896	71	
72/71		.2	.2	.0		.0																14	14	565	131	
70/69		.1	.0	.1	.1	.1																12	12	354	276	
68/67		.1		.0																		3	3	176	333	
66/65																								89	384	
64/63	.0	.1																				3	3	51	464	
62/61																								35	381	
60/59		.1																				3	3	10	263	
58/57																								3	212	
56/55																									155	
54/53																									83	
52/51																									54	
50/49																									56	
48/47																									26	
46/45																									25	
44/43																									17	
Element (X)	$\Sigma X^2$		$\Sigma X$		$\bar{X}$		$\sigma_x$		No. Obs.		Mean No. of Hours with Temperature													Total		
Rel. Hum.											≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F							Total			
Dry Bulb																							Total			
Wet Bulb																							Total			
Dew Point																							Total			

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71  
USAFETAC

## PSYCHROMETRIC SUMMARY

YEARS

AUG  
MONTH

PAGE 2

1500-1700  
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

## PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD

39-41,44-72

AUG  
MONTH

PAGE 1 1800-2000  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb		Dew Point		
106/105																.0	.1	4	4					
104/103															.0	.1	.3	12	12					
102/101													.0	.2	.4	.5	.2	40	40					
100/ 99												.2	.5	1.0	.9	.3	.2	90	90					
98/ 97										.0	.0	.6	1.4	1.1	.8	.3	.2	130	130					
96/ 95									.0	.2	.8	2.1	1.5	.9	.4	.1	.1	184	184					
94/ 93								.3	.3	.6	1.9	2.3	1.4	.6	.3	.1	.1	228	228					
92/ 91								.3	1.0	2.1	2.9	1.9	.7	.3	.1	.1	.0	278	279					
90/ 89							.1	1.0	2.2	3.7	1.8	1.1	.6	.3	.1			327	327					
88/ 87					.0	.2	1.0	1.7	3.4	1.8	1.1	.5	.3	.0				297	297					
86/ 85				.1	.6	1.9	2.3	2.0	1.3	.8	.4	.1	.0					284	284					
84/ 83			.0	.2	.4	1.7	2.0	2.0	1.0	.7	.1	.1	.2					251	251					
82/ 81			.0	.3	1.4	1.9	1.3	.8	.7	.3	.2	.1	.0					213	213					
80/ 79			.1	1.0	1.6	1.4	1.0	.5	.5	.1	.1	.1						197	197	6				
78/ 77	.0	.0	.5	1.3	1.1	.9	.7	.3	.1	.1	.0							154	154	76		2		
76/ 75	.1	.4	.7	1.1	.6	.4	.4	.0	.1	.0								117	117	275		17		
74/ 73		.5	1.1	.4	.2	.2	.2	.0		.0								77	77	704		55		
72/ 71		.2	.3	.3	.2	.2		.1	.0									39	39	761		160		
70/ 69	.1	.1	.2	.1	.2	.1	.1											25	25	533		310		
68/ 67		.1	.0	.1	.1	.0												12	12	274		378		
66/ 65				.0	.0													2	2	172		418		
64/ 63				.0														1	1	83		425		
62/ 61		.2	.0															6	6	40		344		
60/ 59																				34		237		
58/ 57																				12		205		
56/ 55																						164		
54/ 53																						78		
52/ 51																						48		
50/ 49																						52		
48/ 47																						20		
46/ 45																						21		
44/ 43																						12		
42/ 41																						13		
40/ 39																						3		
Element (X)	Σ X <sup>2</sup>		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total	
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

AUG  
MONTH

PAGE 2      1800-2000  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

39-41, 44-72

YEARS

AUG  
MONTH

PAGE 1      2100-2300  
HOURS (L. S. T.)

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13945

FORT SILL OKLAHOMA/POST FLD

39-41,44-72

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31					Dry Bulb	Wet Bulb	Dew Point	
88/ 87									.0	.1	.1										5	5			
86/ 85							.1	.0	.1	.2	.0	.0									14	14			
84/ 83						.2	.1	.1	.2	.3	.1										30	30			
82/ 81				.1	.1	.3	.7	.4	.3	.3											62	62			
80/ 79			.0	.4	1.2	1.1	.8	.5	.4	.2	.0										128	128			
78/ 77			.3	1.6	2.1	1.6	1.0	.6	.4	.0	.0										220	220			
76/ 75		.1	1.2	2.9	2.3	1.3	.7	.5	.3	.0	.1										270	272	6		
74/ 73		.6	2.4	2.9	1.6	1.2	.7	.4	.1	.1	.1										282	292	56	7	
72/ 71	.1	1.9	3.1	1.7	1.8	1.2	.5	.4	.2	.1											306	311	194	51	
70/ 69	.2	2.2	2.7	1.8	1.4	.8	.5	.5	.2	.0											294	303	369	171	
68/ 67	.4	1.1	1.8	1.2	1.2	.5	.7	.3	.1												206	216	367	309	
66/ 65	.2	2.1	2.1	1.3	1.1	.3	.4	.4		.0											225	228	297	288	
64/ 63	.2	.9	1.9	1.7	.9	.5	.3	.2													185	187	293	282	
62/ 61	.0	.9	1.7	1.7	.8	.4	.2	.0	.0												164	167	251	209	
60/ 59	.1	1.1	1.6	1.4	.4	.3	.2	.0													147	151	201	242	
58/ 57	.2	.9	1.0	.9	.2	.1	.0														93	95	205	224	
56/ 55	.1	.9	.6	.6	.4		.0														73	78	201	213	
54/ 53	.0	.2	.3	.6	.1	.1															39	39	127	188	
52/ 51	.1	.2	.4	.3	.1	.0															34	34	91	170	
50/ 49	.1	.1	.2	.1	.1																19	19	58	115	
48/ 47	.1	.1	.0	.1																	11	11	58	79	
46/ 45		.0	.1																		3	3	18	75	
44/ 43	.1																				3	3	14	67	
42/ 41																							7	48	
40/ 39																								27	
38/ 37																								23	
36/ 35																								9	
34/ 33																								10	
32/ 31																								3	
30/ 29																								2	
28/ 27																								1	
TOTAL	2.0	13.5	21.4	21.4	16.0	10.1	7.0	4.4	2.5	1.3	.4	.0										2868		2613	
																						2813		2813	
Element (X)	Σ X'			Σ X			Σ	Σ	No. Obs.			Mean No. of Hours with Temperature													
Rel. Hum.	14972192			200604			71.3	15.395	2813			≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	13802427			197769			69.0	7.583	2868					58.1	32.1	5.5		90							
Wet Bulb	11157175			176145			62.6	6.728	2813					31.7	2.0			90							
Dew Point	9863473			164959			58.6	8.220	2813				.2	17.2	.2			90							

USAF ETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD  
STATION STATION NAME

39-41,44-72  
YEARS

SEP  
MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point	
84/ 83						.1			.0	.0								4	4		
82/ 81					.1	.1	.1											9	9		
80/ 79			.0	.1	.4	.4	.2	.2	.1	.0								41	41		
78/ 77			.3	.6	.5	.6	.4	.2	.2									80	80		
76/ 75		.2	1.1	2.2	1.4	.9	.5	.4	.1	.0								190	190	1	
74/ 73		1.3	2.7	2.7	1.5	.6	.5	.2	.1	.0								274	276	38	
72/ 71	.1	1.9	3.8	2.2	1.3	.7	.3	.1	.0	.1								297	300	134	
70/ 69	.5	3.2	3.5	2.1	1.4	1.2	.2	.1	.1									345	354	283	
68/ 67	.3	3.0	2.5	2.0	1.1	.4	.3	.2	.1									277	285	341	
66/ 65	.2	2.8	3.1	1.5	.9	.5	.2	.1										260	264	327	
64/ 63	.3	2.3	1.8	1.6	.8	.4	.2											207	212	287	
62/ 61	.2	1.4	1.5	1.2	.5	.5	.2	.0										158	166	293	
60/ 59	.2	1.7	2.0	1.2	.9	.5	.1	.0										187	189	194	
58/ 57	.1	2.2	1.6	1.1	.4	.3	.1											167	170	187	
56/ 55	.0	1.5	1.2	.6	.4	.1	.1											110	117	203	
54/ 53	.1	.7	1.0	.6	.2	.1												77	82	171	
52/ 51	.1	.4	.8	.5	.0	.0												50	51	110	
50/ 49	.2	.2	.5	.2	.0													32	33	92	
48/ 47	.2	.3	.2	.2														25	25	71	
46/ 45		.1	.1	.1	.0													11	11	39	
44/ 43	.1	.0	.1															7	7	23	
42/ 41		.0																1	1	8	
40/ 39																				6	
38/ 37																			1	17	
36/ 35																				11	
34/ 33																				10	
32/ 31																				6	
30/ 29																				2	
TOTAL	2.6	23.2	27.8	21.0	11.9	7.5	3.4	1.6	.8	.2								2809	2867	2809	
Element (X)	$\Sigma x^2$		$\Sigma x$		$\bar{x}$		$\sigma_x$		No. Obs.		Mean No. of Hours with Temperature							Total			
Rel. Hum.	17153818		216082		76.913		7.761		2809		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90				
Dry Bulb	12703357		189671		66.2		7.363		2867				48.3	18.8	.8		90				
Wet Bulb	10736007		172527		61.4		7.049		2809				25.5	1.2			90				
Dew Point	9754305		163859		58.3		8.351		2809			.3	16.1	.2			90				

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



1

**YEARS**

39-41, 44-72

SEP  
MONTH

HOURS (L - S - T)

[illegible]

USAFETAC FORM: 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

0900-1100  
HOURS (L. S. T.)

[illegible]

1

9477 54321

YEARS

PAGE 2      0900-1100  
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71





## PSYCHROMETRIC SUMMARY

39-41, 44-72

SEP

PAGE 2 1200-1400  
HOIJAS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

**1500-1700**  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
108/107																	.2	5	5					
106/105																	.4	15	15					
104/103														.1	.1	.0	.1	.6	27	28				
102/101														.1	.0	.1	.4	.4	29	29				
100/ 99												.0	.2	.4	1.0	.2	.3	61	61					
98/ 97											.1	.4	.4	1.2	.6	.5	.4	99	100					
96/ 95									.0	.1	.7	1.0	1.7	1.3	.4	.2	.4	167	167					
94/ 93							.0	.1	.4	.9	1.3	1.7	1.7	1.0	.5	.2	.3	225	229					
92/ 91							.1	.2	.8	2.0	1.8	1.2	.8	.8	.6	.2	.1	242	248					
90/ 89							.2	.5	2.2	1.6	.9	.8	.3	.4	.2	.1	.1	202	208					
88/ 87					.1	.1	.6	1.4	1.4	1.6	1.7	.6	.6	.4	.2			249	257					
86/ 85					.1	.3	.9	1.6	1.4	1.3	.9	.7	.4	.5	.0			227	236					
84/ 83					.1	.7	1.1	1.2	.7	1.0	1.0	.8	.5	.1				203	206					
82/ 81				.1	.3	.6	1.0	.8	.8	.7	1.0	.5	.2	.1				168	172	2				
80/ 79			.0	.2	.7	.5	.4	.5	1.0	.9	.5	.4	.2					152	158	16				
78/ 77		.0	.1	.7	.5	.4	.7	.8	1.1	.6	.5	.2						159	162	49	3			
76/ 75		.1	.3	.6	.6	.3	.6	.7	.5	.3	.2	.1	.1					125	128	185	8			
74/ 73		.1	.4	.8	.4	.6	.6	.5	.4	.4	.2		.0					126	127	373	29			
72/ 71	.1	.4	.4	.4	.5	.3	.4	.2	.3	.1	.1							86	90	447	59			
70/ 69	.2	.5	.1	.3	.2	.1	.3	.4	.0	.1	.1							67	68	391	174			
68/ 67	.0	.2	.4	.5	.2	.1	.2	.4	.1									60	60	307	239			
66/ 65		.4	.2	.1	.2	.0	.1	.2	.1									37	37	221	269			
64/ 63		.1	.3	.1		.0	.1		.1									20	20	267	248			
62/ 61		.5	.1	.1		.1	.1											26	26	202	242			
60/ 59		.0	.0	.1	.1													7	7	135	246			
58/ 57		.2	.1		.0	.1												12	12	78	234			
56/ 55		.0	.1				.1											8	8	62	189			
54/ 53		.0	.0					.1										2	2	31	152			
52/ 51		.2																5	5	24	159			
50/ 49																				15	120			
48/ 47	.1	.0																5	5	8	102			
46/ 45	.0																	1	1	2	93			
44/ 43																				2	67			
42/ 41																					51			
Element (X)	Σ X <sup>2</sup>			Σ X			Σ			Σ x			No. Obs.			Mean No. of Hours with Temperature								
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																								
Wet Bulb																								
Dew Point																								

1

0477 54321

YEARS

PAGE 2

1500-1700  
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



## PSYCHROMETRIC SUMMARY

YEARS

**SEP**  
**MONTH**

PAGE 2 1800-2000  
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26 3 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD

39-41,44-72

SEP  
MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	Dry Bulb	Wet Bulb	Dew Point				
92/ 91									.0	.0	.0	.1	.1					8	8					
90/ 89								.0	.1	.1	.2	.1	.1					16	16					
88/ 87								.2	.3	.2	.3	.2	.0					34	34					
86/ 85	.0					.0	.3	.4	.5	.6	.5	.1	.1		.0			75	75	1	1			
84/ 83					.2	.8	.6	.9	.7	.5	.4	.1			.0			117	117					
82/ 81		.0		.9	1.3	1.5	1.0	.6	.7	.3	.1	.0						192	192					
80/ 79		.1	.1	.7	1.5	2.0	1.5	.7	.8	.4	.5			.0				230	233	1	1			
78/ 77	.0		.3	1.2	2.2	1.5	1.6	1.0	.7	.1	.2	.1	.0	.0				255	261	5	3			
76/ 75		.3	1.0	2.3	1.8	1.4	1.8	.6	.3	.3	.1	.0						280	294	24	1			
74/ 73		.6	2.0	1.6	1.9	1.3	1.0	.2	.3	.3	.1	.0						263	268	125	17			
72/ 71	.1	1.2	1.7	1.1	1.3	1.1	.8	.7	.2	.2								242	249	222	81			
70/ 69	.1	1.2	1.5	.9	.7	1.2	.7	.4	.4	.1	.0							201	207	406	157			
68/ 67	.2	1.1	.9	1.1	1.5	.9	.5	.2	.1	.0								184	187	343	274			
66/ 65	.3	1.0	1.7	1.8	1.6	.6	.4	.4										216	219	316	281			
64/ 63	.0	.7	1.1	1.2	1.0	.5	.4	.1	.0									143	148	278	246			
62/ 61	.1	.7	.7	1.0	1.1	.3	.3	.0	.0									115	118	227	254			
60/ 59	.1	.7	.5	.6	.5	.4	.0	.1										85	86	239	183			
58/ 57	.0	.3	.5	.5	.4	.1	.0											53	54	197	244			
56/ 55		.2	.4	.3	.2	.1	.0											33	33	131	220			
54/ 53	.1	.2	.1	.2	.1	.1	.1											28	28	112	200			
52/ 51	.1	.1	.2	.2	.1	.1												24	24	78	174			
50/ 49		.2	.1	.0														10	10	48	101			
48/ 47	.1	.0																4	4	34	99			
46/ 45		.0																1	1	12	76			
44/ 43	.1																	2	2	12	56			
42/ 41																					56			
40/ 39																					35			
38/ 37																					18			
36/ 35																					7			
34/ 33																					9			
32/ 31																					8			
30/ 29																					8			
28/ 27																					1			
Element (X)	Σ x'		Σ x		Σ		Σ x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

1

2677 54321

YEARS

**MONTH**

2100-2300

HOURS (L, S, T.)

USAFETAC FORM 0-22-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUNE 74

## PSYCHROMETRIC SUMMARY

13945	FORT SILL OKLAHOMA/POST FLD
STATION	STATION NAME

39-41, 44-70, 72

OCT  
MONTH

PAGE 1 0000-0200

0000-0200  
HOURS (L - S - T)

HOURS (L - S - T)

[illegible]

## PSYCHROMETRIC SUMMARY

QCT  
MONTH

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



1

YEARS:

39-41, 44-70, 72

OCT  
MONTH

PAGE 1 0600-0800  
HOURS (L E T)

NOUVEAU

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

OCT  
MONTH

0600-0800  
HOURS (L, S, T.)

[illegible]



## PSYCHROMETRIC SUMMARY

DCT

YEARS

MONTH

PAGE 2

0900-1100

HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

OCT  
MONTH

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

13945                      FORT SILL OKLAHOMA/POST FLD  
STATION                      STATION NAME

39-41, 44-70, 77

QCT  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

13945	FORT SILL OKLAHOMA/POST FLO
STATION	STATION NAME

39-41, 44-70, 72

OCT

PAGE 2

1500-1700  
HOURE (1, 5, 7)

[illegible]

## PSYCHROMETRIC SUMMARY

39-41, 44-72

YEARS

ECT  
MONTA

PAGE 1 1800-2000  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

39-41, 44-72

OCT

PAGE 2 1800-2000  
HOURS (L. S. T.)

[illegible]

USAFETAC FOR: 1 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

PAGE 1 2100-2300  
HOURS (L. S. T.)

Temp. (F)	W-T BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point												
86/ 85										.0									1	1												
84/ 83								.0		.1									3	3												
82/ 81						.0	.2	.0		.1									9	9												
80/ 79				.1	.3	.1	.2	.0	.0		.0								24	26												
78/ 77			.1	.1	.1	.6	.1	.3	.0		.1	.0							44	45												
76/ 75		.3	.1	.6	.4	.6	.5	.1	.2	.2	.0	.0							90	91												
74/ 73	.1	.3	.7	.6	.7	.8	.5	.3	.2	.2	.1	.0							130	132	18	6										
72/ 71	.1	.5	1.4	1.3	.8	.4	.8	.2	.2	.2			.0						184	192	35	17										
70/ 69	.2	1.1	1.3	1.1	.7	1.2	.7	.7	.4	.1	.1								223	227	84	41										
68/ 67	.1	.9	.7	.9	.9	.8	.9	.4	.2	.1									168	171	135	85										
66/ 65	.2	.7	1.3	1.1	1.6	1.1	1.0	.4	.2										218	219	160	96										
64/ 63	.2	1.7	.5	1.3	1.4	.8	.7	.2	.1										195	198	133	119										
62/ 61	.3	1.8	1.0	1.2	1.2	.7	.5	.2	.0										197	198	209	131										
60/ 59	.4	1.8	1.3	1.8	1.5	.0	.5	.3											236	240	193	166										
58/ 57	.3	1.5	1.6	1.9	1.3	.8	.7	.2	.1										239	241	271	158										
56/ 55	.0	1.2	1.4	1.3	1.0	.9	.2	.1											176	179	235	176										
54/ 53	.4	.9	1.4	1.7	.8	.7	.1	.1											170	173	262	172										
52/ 51	.2	1.2	1.1	1.2	1.1	.8	.2	.0											168	168	223	176										
50/ 49	.0	.9	.7	1.2	.8	.7	.1												129	132	196	200										
48/ 47	.1	.6	.5	1.0	.6	.1													80	80	179	214										
46/ 45	.0	.5	.6	.5	.3	.1													59	59	144	196										
44/ 43		.3	.6	.4	.1	.0													40	40	118	145										
42/ 41		.2	.4	.2	.1														26	26	95	136										
40/ 39		.5	.1	.0															17	17	73	118										
38/ 37		.0	.1	.1															6	6	35	103										
36/ 35	.0	.2	.0																8	8	18	1										
34/ 33	.0																		1	1	9	86										
32/ 31																					2	68										
30/ 29																						48										
28/ 27																						23										
26/ 25																						17										
24/ 23																						18										
22/ 21																						4										
20/ 19																						3										
Element (X)	Σ x <sup>2</sup>		Σ x		X		x		No. Obs.		Mean No. of Hours with Temperature																					
Rel. Hum.											≤ 0 F			≤ 32 F			≥ 67 F			≥ 73 F			≥ 80 F			≥ 93 F			Total			
Dry Bulb																																
Wet Bulb																																
Dew Point																																

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

<u>13945</u> STATION	<u>FORT SILL OKLAHOMA/POST FLD</u> STATION NAME
-------------------------	--

39-41, 44-72

**QCT**  
**MONTH**

PAGE 2      2100-2300  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
13/ 17																					4
16/ 15																					3
14/ 13																					1
TOTAL	2.7	17.1	16.8	19.4	15.9	12.6	7.5	4.5	1.8	1.1	.4	.1	.0						2882		2841
																		2841		2841	
			</																		

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD

39-41,44-72

NOV  
MONTH

PAGE 1 0000-0200  
HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
74/ 73			.0															1	1					
72/ 71		.0	.1	.1	.0													8	8					
70/ 69		.0	.1	.1	.1													10	10	2				
68/ 67		.2	.1	.1	.3	.1		.0										26	26	7	4			
66/ 65		.3	.1	.4	.5	.1												40	40	13	9			
64/ 63		.5	.7	.7	.3	.1												66	66	17	9			
62/ 61		.6	.4	.4	.2	.1			.0									48	48	28	22			
60/ 59	.2	1.2	.7	.4	.3	.1	.0											84	84	73	32			
58/ 57	.1	.8	.4	.7	.4	.2	.2	.1	.0									85	86	84	54			
56/ 55	.1	1.0	1.0	.7	.6	.3	.1	.0										110	110	61	70			
54/ 53	.2	1.4	.8	1.1	.6	.4	.1	.1										133	136	75	72			
52/ 51	.1	1.6	1.6	1.3	.9	.6	.2											180	180	112	69			
50/ 49	.3	1.5	2.1	2.0	1.1	.8	.1											224	224	116	105			
48/ 47	.2	1.3	2.2	1.9	1.3	.2		.0										201	202	157	89			
46/ 45	.3	2.4	2.0	1.8	.7	.1	.1											212	215	187	105			
44/ 43	.4	2.3	2.9	1.5	.6	.1												223	225	254	151			
42/ 41	.6	2.5	3.4	2.1	.8		.0											269	271	255	185			
40/ 39	.6	1.8	3.4	1.3	.4	.0												212	214	273	202			
38/ 37	.2	2.3	2.6	1.2	.6	.1												201	204	242	160			
36/ 35	.2	2.9	1.7	1.0	.1													166	166	240	212			
34/ 33	.1	1.6	1.4	.6														105	107	201	246			
32/ 31	.1	1.3	.9	.3														75	75	134	228			
30/ 29	.3	1.3	.5	.2	.1													70	70	124	212			
28/ 27	.1	.3	.5	.0														27	27	83	137			
26/ 25		.7	.4															29	29	24	116			
24/ 23		.1	.6															19	19	35	82			
22/ 21		.1	.2															8	8	17	62			
20/ 19		.3	.1															12	12	16	61			
18/ 17		.2	.1															7	7	15	45			
16/ 15																				5	33			
14/ 13																				1	25			
12/ 11																					19			
10/ 9																					7			
8/ 7																					10			
Element (X)	Σ X <sup>2</sup>			Σ X			Σ	Σ	No. Obs.			Mean No. of Hours with Temperature												
Rel. Hum.												≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																								
Wet Bulb																								
Dew Point																								



### PSYCHROMETRIC SUMMARY.

NDV

YEARS

**MONTH**

0000-0200

HOURS (L, S, T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD

39-41,44-72

NOV  
MONTH

PAGE 1

0300-0500  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point						
74/ 73			.1															2	2							
72/ 71			.0															1	1							
70/ 69		.0	.1															5	5		3					
68/ 67	.0	.1	.2	.0	.0													13	13		4					
66/ 65		.4	.2	.4	.2													32	32	11	11					
64/ 63		.5	.4	.6	.1													48	48	13	11					
62/ 61		.6	.5	.2	.1	.0			.0									42	42	24	16					
60/ 59	.1	1.1	.4	.2	.1	.0												57	57	50	31					
58/ 57	.2	1.3	.4	.2	.1	.0												64	64	76	42					
56/ 55	.1	1.3	.7	.5	.2	.1	.1	.0										87	87	73	78					
54/ 53	.3	1.2	.7	.6	.5	.5		.0										105	105	50	70					
52/ 51	.2	1.8	1.2	.9	.8	.1	.0	.0										143	144	82	54					
50/ 49	.9	1.7	1.9	1.3	.7	.4	.0											197	199	124	103					
48/ 47	.1	1.6	1.9	1.6	1.0	.3	.0											186	186	111	71					
46/ 45	.5	2.8	2.3	1.7	.7	.2	.1											232	232	183	100					
44/ 43	.6	2.5	2.3	.9	.4	.0	.0											196	198	220	145					
42/ 41	.6	3.1	2.6	1.0	.4	.1												222	223	220	163					
40/ 39	.9	2.7	4.1	1.5	.3													273	278	279	190					
38/ 37	.7	3.2	3.4	1.1	.2	.1												247	250	219	181					
36/ 35	.5	3.4	2.1	.8	.2													199	200	284	215					
34/ 33	.3	2.5	1.9	.6	.0													149	150	244	240					
32/ 31	.2	2.1	1.2	.4														110	114	166	202					
30/ 29	.2	1.6	.9	.2	.0													81	81	139	211					
28/ 27	.3	1.0	.6															53	53	100	169					
26/ 25	.1	.8	.5															40	40	56	148					
24/ 23	.0	.3	.6															26	26	44	78					
22/ 21		.4	.2															17	17	23	75					
20/ 19		.3	.1															13	13	23	63					
18/ 17		.2	.1															8	8	20	47					
16/ 15		.1	.1															4	4	3	34					
14/ 13		.0																1	1	4	24					
12/ 11																				2	33					
10/ 9																					15					
8/ 7																					12					
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																										
Dry Bulb																										
Wet Bulb																										
Dew Point																										

USAF ETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

NOV  
MONTH[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD

39-41,44-72

NOV  
MONTH

PAGE 1 0600-0800  
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
74/ 73			.0	.0														2	2				
70/ 69			.1															3	3	2			
68/ 67	.1	.2	.2	.1	.0	.0		.0										19	19	5	4		
66/ 65		.2	.2	.0		.0												15	15	11	10		
64/ 63		.6	.5	.5	.1													46	46	15	9		
62/ 61	.0	.7	.6	.4	.0	.0												50	50	24	16		
60/ 59	.2	.7	.6	.2	.1		.1											50	50	45	39		
58/ 57	.1	1.2	.6	.2	.1	.1	.0											66	67	59	32		
56/ 55	.3	1.4	.5	.1	.1	.1	.1											73	73	83	59		
54/ 53	.5	1.4	.6	.4	.4	.2												101	101	73	91		
52/ 51	.4	1.8	1.2	.9	.5	.0												140	142	70	71		
50/ 49	.6	1.5	1.6	1.5	.5	.2	.0											170	171	108	81		
48/ 47	.2	1.8	1.7	1.3	.5	.1												162	164	107	87		
46/ 45	.5	2.2	1.8	1.6	.7	.4												203	203	154	81		
44/ 43	.8	3.0	2.1	1.8	.5													232	232	214	136		
42/ 41	.6	2.2	3.2	1.4	.4													223	223	218	147		
40/ 39	.8	2.7	3.9	1.1	.3	.1												256	256	217	165		
38/ 37	.7	3.1	2.8	1.0	.3	.0												227	228	267	177		
36/ 35	.6	3.2	2.8	.9	.2													219	221	273	205		
34/ 33	.2	2.9	2.7	.5														180	182	210	224		
32/ 31	.4	2.6	1.3	.4	.1													134	136	208	228		
30/ 29	.1	1.9	.9	.4														94	101	176	211		
28/ 27	.2	.9	.6															50	52	99	184		
26/ 25	.2	1.0	.4															46	46	69	161		
24/ 23	.1	.9	.4															39	39	59	97		
22/ 21		.2	.2															14	14	28	78		
20/ 19		.3	.2	.0														17	17	19	69		
18/ 17		.2	.0															8	8	15	47		
16/ 15		.2																7	7	15	37		
14/ 13		.1	.0															3	3	3	19		
12/ 11																				3	34		
10/ 9																					15		
8/ 7																					17		
6/ 5																					8		
Element (X)	Σ X <sup>2</sup>		Σ X		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature										Total				
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																							
Wet Bulb																							
Dew Point																							

## PSYCHROMETRIC SUMMARY

NOV  
MONTH

PAGE 2      0600-0800  
HOURS (L. S. T.)

[illegible]

1

## NOV

39-41, 44-72

YEARS

**MONTH**

0900-1100  
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
86/ 85										.0								1	1																
80/ 79											.0							1	1																
78/ 77						.0												1	1																
76/ 75					.1			.1		.1	.0							7	7																
74/ 73			.1	.0	.1		.1	.1	.0	.0			.0					15	15																
72/ 71			.1	.1	.2	.1	.1	.1	.1	.1	.1							33	33																
70/ 69		.1	.1	.3	.2	.4	.2	.2	.2	.2								58	58		4														
68/ 67		.1	.3	.6	.2	.2	.3	.2	.2	.1	.0							69	69	13	5														
66/ 65		.3	.7	.6	.5	.7	.2	.1	.2	.1								97	97	11	10														
64/ 63		.5	.5	.7	.3	.7	.7	.5	.2	.0								117	117	40	12														
62/ 61	.1	.7	.7	.6	.7	1.0	.6	.5	.1	.0								145	146	75	33														
60/ 59	.2	.6	.6	.8	.8	.6	.8	.7	.1	.0								147	148	80	63														
58/ 57	.1	1.0	.6	.8	1.3	1.2	1.0	.3	.1	.1								188	188	104	54														
56/ 55	.2	.7	.7	1.0	1.6	1.4	.8	.5	.1									196	196	116	87														
54/ 53	.1	.8	.7	1.4	1.5	1.5	1.0	.2										206	206	143	66														
52/ 51	.2	.9	.9	1.1	1.7	1.0	.7	.1										190	190	149	88														
50/ 49	.3	.5	1.2	1.4	1.5	.8	.6	.0										181	182	206	115														
48/ 47	.2	.8	.8	2.0	1.7	.8	.1	.0										182	182	199	100														
46/ 45	.4	1.2	1.2	2.5	1.1	.8	.2											211	211	257	134														
44/ 43	.3	1.1	1.5	1.7	1.0	.4	.3											185	185	229	134														
42/ 41	.2	.9	1.7	1.3	.8	.3												147	148	254	167														
40/ 39	.2	.9	1.4	1.4	1.1	.1												149	151	229	170														
38/ 37	.3	.8	1.3	1.3	.4	.1												121	122	207	183														
36/ 35	.1	.5	1.0	.4	.2	.1												64	65	156	234														
34/ 33	.0	.5	.5	.6	.4													56	58	122	194														
32/ 31	.1	.3	.5	.3	.1													35	35	117	212														
30/ 29		.1	.5	.2														22	22	41	162														
28/ 27		.1	.2	.2														15	15	41	131														
26/ 25		.0	.2	.1														10	10	29	101														
24/ 23		.0	.1															5	5	17	94														
22/ 21		.0	.1	.0														5	5	12	78														
20/ 19		.0	.0															2	2	4	57														
18/ 17			.0															1	1	6	43														
16/ 15																					38														
Element (X)	Σ X <sup>2</sup>			Σ X			X̄			σ <sub>x</sub>			No. obs.			Mean No. of Hours with Temperature																			
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 75 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			



9277 54321

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
(LIN 7)

NGV  
MONTH

0700      220  
HOURS (L, S, T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD

39-41,44-72

NIV  
MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		Dry Bulb	Wet Bulb	Dew Point
88/ 87															.0	1	1		
84/ 83										.0					.1	4	4		
82/ 81							.0	.1	.1	.1	.1	.2	.0			17	18		
80/ 79						.1	.1	.3	.2	.3	.2	.1				36	36		
78/ 77					.0	.1	.2	.2	.3	.5	.1	.1	.1			48	48		
76/ 75				.1	.1	.4	.4	.4	.3	.4	.4	.1	.1			78	78		
74/ 73			.0	.1	.1	.5	.8	.5	.7	.7	.7	.3	.1			125	125		
72/ 71		.0	.1	.3	.5	.7	.7	.9	.8	.5	.2	.1				141	141		
70/ 69		.0	.1	.4	.7	.5	1.0	1.0	.8	.5	.5	.0				157	157	12	1
68/ 67			.2	.2	.5	.7	.9	1.2	1.0	.7	.2					160	160	18	7
66/ 65		.1	.2	.7	.6	.7	1.2	1.5	1.1	.6	.1		.0			195	195	50	9
64/ 63	.0	.1	.2	.7	.5	.6	1.5	1.2	1.0	.6	.1	.0				185	185	94	13
62/ 61	.1	.2	.3	.3	.5	.7	1.3	1.0	1.3	.3	.0	.0				176	176	99	24
60/ 59		.2	.2	.5	.6	1.1	1.2	1.6	.9	.2						189	189	147	64
58/ 57	.0	.2	.5	.5	.4	1.1	1.2	1.4	.3							161	161	174	48
56/ 55	.0	.2	.4	.4	.7	1.8	1.5	.8	.3							179	180	187	102
54/ 53	.1	.7	.2	.3	.5	1.5	.9	.7	.1							144	145	199	91
52/ 51	.1	.5	.1	.9	1.1	1.0	.8	.5	.0							143	144	237	176
50/ 49	.1	.4	.3	.6	1.0	1.1	.7	.2								124	124	209	113
48/ 47	.1	.6	.6	.6	1.3	.9	.5	.0								130	130	205	134
46/ 45	.1	.5	.3	.6	.9	.7	.3	.1								103	103	258	127
44/ 43	.1	.8	.4	.7	.8	.2	.2									95	95	230	146
42/ 41	.2	.5	.7	.4	.3	.3	.1									73	73	162	177
40/ 39	.1	.5	.6	.3	.6	.2										67	67	175	171
38/ 37	.3	.4	.3	.2	.3	.0	.0									46	46	145	177
36/ 35		.4	.3	.3	.1	.0										33	33	86	192
34/ 33		.3	.1	.2	.1	.0										22	22	54	163
32/ 31	.0	.0	.1	.2	.1											14	14	55	165
30/ 29		.1	.1	.2												13	13	25	170
28/ 27			.1	.0												4	4	18	149
26/ 25			.0													1	1	17	104
24/ 23																		6	5
22/ 21																		2	70
20/ 19																			64
Element (X)	$\Sigma X^2$			$\Sigma X$			$\bar{X}$	$\sigma_X$	No. Obs.			Mean No. of Hours with Temperature							
Rel. Hum.												$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total	
Dry Bulb																			
Wet Bulb																			
Dew Point																			

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

39-41, 44-72

PAGE 2

[illegible]

## PSYCHROMETRIC SUMMARY

NOV  
MONTH

HOURS (L, S, T.)

[illegible]

## PSYCHROMETRIC SUMMARY

NOV  
MONTH

1500-1700  
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 11-77  
1-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1

## PSYCHROMETRIC SUMMARY

13945	FORT SILL OKLAHOMA/POST FLD
STATION	STATION NAME

39-41, 44-72

YEARS

NCV  
MONTH

PAC - 1 1800-2000  
HOURS (L. S. - T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

**YEARS**

PAGE 2 1800-2000

1800-2000  
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13945 FLRT SILL OKLAHOMA/POST FLD

39-41,44-72

NOV  
MONTH

PAGE 1 2100-2300  
HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL																																										
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point																																												
76/ 75						.0												1	1																																														
74/ 73					.1													2	2																																														
72/ 71			.2	.0	.1	.1	.0											14	14																																														
70/ 69		.2	.1	.2	.3	.3	.1	.0										33	33	1																																													
68/ 67		.1	.1	.4	.4	.3	.1	.1										39	39	12	1																																												
66/ 65		.1	.4	.6	.3	.2	.0		.0									49	49	9	13																																												
64/ 63	.0	.3	.7	.2	.4	.2	.1	.1										62	62	19	6																																												
62/ 61		.9	.4	.4	.5	.4	.2	.1	.0									82	82	49	18																																												
60/ 59	.1	.5	.7	.8	.8	.5	.2	.2	.0									111	111	83	38																																												
58/ 57		1.1	.6	.7	.6	.6	.2	.2										112	112	55	71																																												
56/ 55	.1	.9	.9	.3	1.4	.6	.4	.1										157	157	97	52																																												
54/ 53	.0	.9	1.3	1.8	1.0	.8	.3	.1	.0									179	181	99	84																																												
52/ 51	.1	1.3	1.3	1.6	1.4	.9	.3											202	202	117	61																																												
50/ 49	.4	1.1	1.5	2.0	1.5	1.0	.0											216	216	177	114																																												
48/ 47	.2	1.1	1.9	2.1	1.6	.6	.1											214	216	187	110																																												
46/ 45	.4	1.9	2.3	2.1	1.5	.6	.1											247	250	216	125																																												
44/ 43	.5	2.0	2.0	2.1	1.5	.6	.0											251	253	255	171																																												
42/ 41	.2	1.4	2.6	1.6	1.0	.1												198	201	245	182																																												
40/ 39	.4	1.6	2.5	1.2	.6	.1												186	188	274	209																																												
38/ 37	.1	1.4	1.4	1.3	.6	.1												137	138	232	184																																												
36/ 35	.2	2.1	1.1	.7	.0													120	122	226	192																																												
34/ 33	.1	1.1	1.1	.6	.2													87	87	155	194																																												
32/ 31	.2	.5	.7	.2	.1													50	50	122	224																																												
30/ 29	.1	.3	.4	.1	.0													29	29	84	204																																												
28/ 27	.1	.1	.5	.2														24	24	44	114																																												
26/ 25		.5	.2	.1														22	22	36	145																																												
24/ 23		.1	.2	.1														12	12	18	72																																												
22/ 21		.2	.1															8	8	18	50																																												
20/ 19		.1	.1															6	6	10	61																																												
18/ 17		.0																1	1	10	59																																												
16/ 15																				1	34																																												
14/ 13																					22																																												
12/ 11																					16																																												
10/ 9																					7																																												
Element (X)	Σ X <sup>2</sup>					Σ X					X̄					s <sub>x</sub>					No. Obs.					Mean No. of Hours with Temperature																																							
P.H. Hum.																										≤ 0 F					≤ 32 F					≤ 67 F					≤ 73 F					≤ 80 F					≤ 93 F					Total									
Dry Bulb																																																																	
Wet Bulb																																																																	
Dew Point																																																																	

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

NOV  
MONTH

PAGE 2      2100-2300  
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/ IAC

# PSYCHROMETRIC SUMMARY

13945 PORT SILL OKLAHOMA/POST FLD

39-41,44-72

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B.-W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
70/ 69							.0											1	1						
68/ 67							.0											1	1						
66/ 65				.0														1	1						
64/ 63		.1		.1		.1	.0											7	7						
62/ 61	.0	.1	.2	.0	.0	.0			.1									16	16	4	1				
60/ 59	.2	.6	.2	.0	.1	.0	.0											37	37	18	15				
58/ 57	.1	.5	.3	.1	.1	.1			.0									35	35	24	12				
56/ 55	.2	.7	.3	.1	.1	.1	.1	.0										43	44	36	24				
54/ 53	.1	.9	.1	.3	.2	.1	.1	.1										57	59	40	42				
52/ 51	.3	.5	.1	.3	.1	.2	.1											46	46	48	32				
50/ 49	.1	1.0	.6	.3	.7	.3	.0											88	88	30	38				
48/ 47	.4	.7	.6	1.2	.7	.5												122	122	62	43				
46/ 45	.3	1.6	1.2	1.7	1.0	.6												189	189	69	39				
44/ 43	.4	2.0	2.3	1.7	.9	.2												222	225	123	66				
42/ 41	.6	1.5	1.9	1.6	.6	.1												188	189	172	95				
40/ 39	.7	2.8	2.6	2.2	.6	.1												266	267	239	109				
38/ 37	.3	3.1	3.6	1.7	.4													271	274	244	133				
36/ 35	.6	3.2	3.5	1.3	.1													275	276	296	168				
34/ 33	.5	3.8	3.6	.7	.0													255	257	313	223				
32/ 31	.8	3.5	1.9	.2														190	194	313	251				
30/ 29	.2	2.8	1.4	.3	.1													140	143	246	247				
28/ 27	.5	2.7	1.7	.2														143	149	165	245				
26/ 25	.5	2.6	.9	.0														118	118	137	260				
24/ 23	.3	1.6	.2	.1														66	66	135	212				
22/ 21	.2	1.1	.4															50	50	77	169				
20/ 19	.1	.9	.2															34	34	43	120				
18/ 17	.2	.4	.1															21	24	35	112				
16/ 15	.2	.4																18	18	27	80				
14/ 13	.1	.3																12	12	14	48				
12/ 11	.0	.5																16	16	16	48				
10/ 9	.0	.1																4	4	8	32				
8/ 7																				3	24				
6/ 5																					20				
4/ 3																					11				
Element (X)	Σ X <sup>2</sup>			Σ X			X̄		s <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.													≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

## PSYCHROMETRIC SUMMARY

DEC

MONTH

0000-0200

HOURS (L, P, T)

[illegible]

## PSYCHROMETRIC SUMMARY

13945	FORT SILL OKLAHOMA/POST FLD
STATION	STATION NAME

39-41, 44-72

DEC

PAGE 1 0300-0500  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point			
66/ 65			.1	.0														3	3					
64/ 63				.0														1	1	1				
62/ 61		.1	.1	.1														10	10	1	1			
60/ 59	.1	.5	.1	.0	.0		.1											26	26	11	5			
58/ 57	.1	.7	.1	.0	.0	.0												31	31	24	21			
56/ 55	.2	.9	.1	.1	.1													44	45	40	26			
54/ 53	.2	.9	.0	.1	.1	.2	.0											45	46	37	38			
52/ 51	.3	.4	.2	.1	.1	.0	.1											40	40	36	42			
50/ 49	.4	.9	.4	.2	.3	.1												66	66	38	30			
48/ 47	.3	.6	.5	.6	.3	.3	.0											82	82	51	37			
46/ 45	.5	1.0	.8	1.3	.5	.3												132	132	51	37			
44/ 43	.5	1.7	1.4	1.2	.5	.1												155	157	91	54			
42/ 41	.7	1.6	1.3	1.4	.6													163	166	129	80			
40/ 39	1.0	2.8	2.2	1.6	.4	.1												239	240	163	96			
38/ 37	.7	2.9	2.9	2.2	.3													255	268	217	130			
36/ 35	.9	4.1	3.7	1.5	.1													304	305	271	145			
34/ 33	1.1	4.9	3.5	.6														298	304	303	211			
32/ 31	.9	4.7	2.7	.4	.0													254	256	344	223			
30/ 29	.5	3.5	1.6	.2														170	172	300	235			
28/ 27	.4	4.1	1.5	.2														181	181	220	239			
26/ 25	.3	3.0	1.2	.1														135	135	162	285			
24/ 23	.6	2.4	.4															102	102	145	224			
22/ 21	.2	1.6	.3															63	63	110	185			
20/ 19	.1	.9	.1															33	33	58	142			
18/ 17	.2	.7	.2															33	33	38	118			
16/ 15		.5	.0															17	17	21	105			
14/ 13	.1	.4																15	15	28	54			
12/ 11	.2	.3																16	16	17	54			
10/ 9	.2	.2	.0															11	11	13	33			
8/ 7	.0	.2																7	7	8	31			
6/ 5																				3	17			
4/ 3																					18			
2/ 1																					9			
0/ -1																					3			
Element (X)	Σ X <sup>2</sup>			Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.												≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																								
Wet Bulb																								
Dew Point																								



## PSYCHROMETRIC SUMMARY

13945	FOPT SILL OKLAHOMA/POST FLO
STATION	STATION NAME

39-41, 44-72

DEC

PAGE 2

0300-0500  
HOURS (L. S. T.)

[illegible]

1

## DEC

39-41, 44-72

YEARS

**MONTH**

HOURS U. S. T.

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

DEC

STATION NAME

YEARS

MONTH

0600-0800

HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

DEC  
MONTH

PAGE 1 0900-1100  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

DEC  
MONTH

HOURS (L. S. T.)

[illegible]

1

9477 54321

YEARS

PAGE 1

USAFETAC FORM 11/11/77 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

13945

FORT SILL OKLAHOMA/POST FLD

39-41, 44-72

DEC

**STATION**

STATION NAME

YEARS

**MONTH**

PAGE 2

1200-1400

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD

39-41,44-72

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
88/ 87														.0				1	1						
86/ 85													.0					1	1						
82/ 81													.1					2	2						
80/ 79										.1	.0	.1	.1					8	8						
78/ 77									.2	.0	.0	.0	.1	.0				13	13						
76/ 75						.0		.1	.2	.0	.1			.0				12	12						
74/ 73							.1	.2	.2	.1	.0	.1	.0					21	21						
72/ 71		.0	.0			.1	.1	.2	.2	.0	.2	.1	.0					30	30						
70/ 69				.1		.2	.3	.2	.3	.4	.5	.1						61	61						
68/ 67			.1	.3	.3	.3	.4	.4	.5	.4	.2							86	86	1					
66/ 65			.1	.3	.5	.3	.6	.5	.6	.5	.1							105	105	5	1				
64/ 63		.1	.1	.3	.2	.5	.8	.8	1.0	.2	.0							123	123	8	2				
62/ 61		.4	.3	.2	.5	.6	.7	1.2	.6	.5								145	147	36	5				
60/ 59	.1	.3	.2	.4	.7	.6	1.4	1.3	.8	.1								178	180	62	17				
58/ 57	.1	.1	.4	.5	.7	1.2	1.7	1.4	.4	.0								192	193	86	25				
56/ 55	.1	.3	.4	.5	.9	1.9	1.4	1.2	.1									202	202	69	47				
54/ 53		.5	.5	.7	1.0	1.4	1.1	.8	.0									182	182	121	30				
52/ 51		.4	.6	.9	1.0	1.5	1.4	.4										188	188	154	62				
50/ 49	.2	.4	.5	1.1	1.4	1.4	.9	.3										186	186	192	75				
48/ 47	.1	.8	.4	.7	1.3	1.6	.6											164	164	269	79				
46/ 45	.2	.7	.6	1.2	1.5	.8	.1	.0										154	154	284	103				
44/ 43	.1	.7	.6	1.0	1.0	.8	.2											128	128	252	124				
42/ 41	.2	.9	.6	1.2	.7	.5	.0											121	121	227	128				
40/ 39	.2	1.2	.9	1.4	.7	.2												136	136	246	132				
38/ 37	.1	.6	.8	.8	.5													87	87	208	172				
36/ 35	.1	1.0	1.1	.8	.3													98	98	136	195				
34/ 33	.2	.8	.9	.4	.2													75	75	144	207				
32/ 31	.2	.7	.9	.4	.1													68	68	131	242				
30/ 29		1.2	.8	.3	.1													69	69	93	212				
28/ 27		.6	.3	.1														30	30	73	185				
26/ 25	.1	.5	.4	.3														36	36	61	217				
24/ 23	.2	.5	.3	.2														33	33	35	157				
22/ 21		.3	.2															14	14	31	145				
20/ 19		.3	.1															11	11	20	96				
Element (X)	Σx²		Σx		Σ		Σx		No. Obs.		Mean No. of Hours with Temperature											Total			
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb																									
Wet Bulb																									
Dew Point																									

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
USAFETAC JUN 71

## PSYCHROMETRIC SUMMARY

13945  
STATIC

FORT SILL OKLAHOMA/POST FLD  
STATION NAME

39-41, 44-72

**YEARS**

DEC  
MONTH

PAGE 2

1500-1700  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

DEC  
MONTH

1800-2000  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
80/ 79													.1					2	2																	
78/ 77												.0						1	1																	
76/ 75												.0						1	1																	
74/ 73										.0								1	1																	
72/ 71						.0	.1	.1		.1								7	7																	
70/ 69					.0				.1									4	4																	
68/ 67		.0	.0		.2	.1	.1	.1	.2	.1	.1							24	24																	
66/ 65		.0	.0	.3	.1	.1	.1		.1	.1	.0							22	22	1																
64/ 63		.0	.1	.3	.2	.1	.2	.1	.0	.0	.0							32	32	2																
62/ 61		.3	.2	.3	.1	.3	.2	.1	.1	.0								48	48	6																
60/ 59	.1	.4	.2	.3	.3	.4	.3	.3	.1									72	72	34																
58/ 57	.2	.5	.3	.4	.5	.2	.7	.2	.1									94	94	44																
56/ 55	.1	.2	.4	.5	.6	1.1	.5	.2										112	112	42																
54/ 53	.1	.6	.5	.7	1.1	1.3	1.0	.3										161	161	61																
52/ 51	.0	.6	1.0	1.1	1.3	1.2	.6	.1										173	174	71																
50/ 49	.0	.6	.8	2.0	1.6	1.3	.5	.0										201	202	86																
48/ 47	.1	1.0	1.7	2.3	2.3	1.2	.4											263	263	135																
46/ 45	.5	1.0	1.1	2.2	2.1	1.0	.2											237	237	221																
44/ 43	.1	1.1	2.3	2.0	1.5	.5	.0											221	222	245																
42/ 41	.4	1.2	2.1	1.9	1.1	.2												203	203	268																
40/ 39	.2	1.2	2.5	1.8	1.0	.1												198	198	307																
38/ 37	.2	1.6	2.0	1.2	.7	.0												174	177	285																
36/ 35	.2	1.7	1.6	1.1	.4													145	145	246																
34/ 33	.4	1.7	1.2	.9	.2													129	129	219																
32/ 31	.2	1.3	1.1	.5	.0													94	94	150																
30/ 29	.0	1.5	1.5	.5														103	103	132																
28/ 27	.1	1.0	.5	.1														51	51	124																
26/ 25	.2	.9	.6	.1														53	55	88																
24/ 23	.1	.7	.4	.1														40	41	47																
22/ 21	.3	.6	.4	.0														40	41	54																
20/ 19		.3	.2	.0														16	16	28																
18/ 17		.2	.2															14	14	27																
16/ 15	.0	.2	.1															8	8	10																
14/ 13																				9																
Element (X)	$\Sigma X^2$			$\Sigma X$			$\bar{X}$			$\sigma_x$			No. Obs.			Mean No. of Hours with Temperature																				
Rel. Hum.																≤ 0 F			≤ 32 F			≥ 67 F			≥ 73 F			≥ 80 F			≥ 93 F			Total		
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

## PSYCHROMETRIC SUMMARY

13945	FORT SILL OKLAHOMA/POST FLD
STATION	STATION NAME

39-41, 44-72

DEC

PAGE 2

1800-2000  
HOURS (L, S, T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13945 FORT SILL OKLAHOMA/POST FLD

39-41.44-72

DEC  
MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point	
76/ 75													.0					1	1			
72/ 71							.0	.0		.0		.0						4	4			
70/ 69						.0		.0	.0	.0								4	4			
68/ 67						.0		.0										2	2			
66/ 65		.1			.1	.1	.1	.0	.0									10	10			
64/ 63		.1	.0	.4	.0			.1	.0	.0								21	21	2		
62/ 61	.1	.1	.3	.2		.0												20	20	6	5	
60/ 59	.3	.3	.3	.2	.0	.0	.1	.1	.0	.0								43	43	21	12	
58/ 57		.5	.3	.1	.1	.2	.1	.0		.0								39	39	36	16	
56/ 55	.0	.5	.4	.2	.3	.3	.1	.1	.0									58	58	37	22	
54/ 53	.3	.4	.4	.4	.3	.3	.1	.1										66	66	42	48	
52/ 51	.2	.6	.6	.7	.6	.4	.1											96	97	38	37	
50/ 49		.7	.9	.9	.8	.5	.1											117	117	52	34	
48/ 47	.1	.9	1.4	1.5	1.4	.6	.1											176	176	70	34	
46/ 45	.7	1.8	1.5	2.9	1.7	.8												275	275	134	54	
44/ 43	.2	1.3	2.6	1.7	1.1	.4	.1											218	220	164	78	
42/ 41	.6	2.3	1.9	2.1	.7	.2	.0											229	229	203	98	
40/ 39	.5	2.4	3.0	2.3	.7	.1												264	265	313	156	
38/ 37	.2	1.8	4.0	2.0	.3													245	248	263	149	
36/ 35	.6	2.8	2.5	1.5	.1													220	220	301	205	
34/ 33	.4	3.2	1.8	1.3	.1													198	199	281	206	
32/ 31	.3	1.9	1.7	.6	.0													136	136	255	280	
30/ 29	.3	2.3	1.0	.5														120	120	154	265	
28/ 27	.2	2.3	1.2	.1														110	112	170	201	
26/ 25	.4	2.0	.7	.2														95	96	126	230	
24/ 23	.2	1.1	.4	.0														52	52	93	172	
22/ 21	.1	.9	.3															41	41	57	163	
20/ 19	.1	.7	.4															34	38	42	99	
18/ 17	.0	.4	.0															13	13	38	108	
16/ 15	.1	.4	.1															19	19	13	74	
14/ 13	.0	.1	.1															8	8	13	50	
12/ 11		.1																4	4	9	49	
10/ 9	.0																	1	1	6	25	
8/ 7																					18	
Element (X)	$\Sigma X^2$			$\Sigma X$			$\bar{X}$			$\sigma_x$			No. Obs.			Mean No. of Hours with Temperature						
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																						
Wet Bulb																						
Dew Point																						

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71



## PSYCHROMETRIC SUMMARY

YEARS

DEC  
MONTH

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13945 FORT SILL OKLAHOMA/POST FLD

39-42,44-72

STATION		STATION NAME												YEARS	
HRS (LST)		JAN.	FEB.	MAR.	APR.	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00-02	MEAN	33.9	38.4	45.4	56.5	64.1	72.7	76.9	75.9	69.0	58.2	45.1	37.6	56.1	
	S D	11.306	9.776	10.807	9.265	7.384	6.220	5.014	5.285	7.583	8.863	9.697	9.451	17.307	
	TOTAL OBS	2861	2613	2865	2823	2963	2831	2735	2876	2868	2880	2870	2962	34147	
03-05	MEAN	32.1	36.3	42.8	53.9	61.5	70.0	73.9	72.8	66.2	55.6	43.0	35.8	53.7	
	S D	11.141	9.578	10.418	9.118	7.199	5.797	4.289	4.736	7.363	8.811	9.639	9.380	16.867	
	TOTAL OBS	2863	2615	2872	2825	2969	2829	2791	2936	2867	2880	2873	2963	34283	
06-08	MEAN	30.9	35.2	42.2	54.5	63.4	72.2	75.9	74.3	66.7	55.5	42.3	34.8	54.1	
	S D	11.066	9.455	10.288	8.930	7.234	6.251	5.098	5.486	7.659	8.900	9.800	9.492	17.955	
	TOTAL OBS	2877	2611	2857	2865	2960	2824	2817	2968	2878	2877	2871	2962	34360	
09-11	MEAN	36.7	41.9	50.4	63.2	71.9	80.6	85.5	84.6	76.8	65.7	50.8	41.2	62.6	
	S D	11.963	10.872	11.855	9.544	8.277	7.679	6.809	7.269	9.165	9.542	10.270	10.385	19.516	
	TOTAL OBS	2866	2611	2871	2862	2959	2827	2826	2968	2870	2879	2872	2967	34376	
12-14	MEAN	44.7	49.8	58.1	69.7	77.6	86.1	91.4	91.2	83.5	73.0	58.5	49.2	69.5	
	S D	13.732	12.865	13.472	10.552	9.196	8.144	7.263	7.670	9.801	10.518	11.348	11.822	19.452	
	TOTAL OBS	2866	2610	2868	2862	2962	2827	2831	2963	2874	2872	2868	2963	34366	
15-17	MEAN	46.7	52.3	60.7	71.4	79.1	87.8	92.6	92.4	84.5	73.9	59.3	50.3	71.0	
	S D	14.312	13.246	13.753	10.831	9.271	7.972	7.333	7.816	9.774	10.673	11.532	12.090	19.380	
	TOTAL OBS	2869	2608	2870	2863	2958	2832	2835	2970	2877	2877	2869	2971	34399	
18-20	MEAN	40.6	46.7	55.2	66.2	74.2	83.2	88.0	86.8	78.3	66.6	52.1	43.8	65.3	
	S D	12.747	11.586	12.598	10.046	8.689	7.781	7.150	7.401	9.040	9.682	10.183	10.357	19.188	
	TOTAL OBS	2864	2606	2864	2815	2968	2834	2821	2969	2865	2877	2864	2954	34301	
21-23	MEAN	36.4	41.5	49.3	60.1	67.8	76.6	80.9	79.9	72.2	61.2	47.4	39.8	59.5	
	S D	11.723	10.312	11.288	9.269	7.679	6.673	5.727	5.990	8.089	9.026	9.695	9.762	17.910	
	TOTAL OBS	2862	2605	2870	2816	2958	2831	2799	2937	2868	2882	2868	2954	34230	
ALL HOURS	MEAN	37.7	42.8	50.5	62.0	70.0	78.6	83.2	82.3	74.6	63.7	49.8	41.5	61.5	
	S D	13.438	12.516	13.539	11.612	10.302	9.521	9.199	9.697	10.961	11.710	11.986	11.732	19.523	
	TOTAL OBS	22921	20879	22937	22731	23697	22635	22455	23587	22967	23024	22955	23696	274484	

USAF ETAC FORM 0-89-5 (OL1)

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13945 FORT SILL OKLAHOMA/POST FLD

39-42,44-72

STATION		STATION NAME												YEARS	
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00-02	MEAN	31.5	35.2	40.7	51.3	59.5	67.0	69.5	68.2	62.6	53.3	41.3	34.5	51.3	
	S.D.	10.816	9.103	9.734	9.031	6.837	4.579	3.168	3.957	6.728	8.751	9.318	8.867	15.677	
	TOTAL OBS	2761	2585	2862	2817	2958	2831	2735	2870	2813	2835	2851	2937	33855	
03-05	MEAN	30.1	33.7	39.0	49.7	58.1	65.8	68.4	67.1	61.4	51.8	39.9	33.2	50.0	
	S.D.	10.789	9.142	9.732	9.261	7.062	4.723	3.195	3.975	7.049	9.004	9.477	9.027	15.850	
	TOTAL OBS	2759	2586	2872	2819	2966	2829	2789	2931	2809	2833	2853	2941	33987	
06-08	MEAN	29.1	32.7	38.6	50.1	59.3	67.1	69.6	68.0	61.8	51.7	39.4	32.4	50.2	
	S.D.	10.780	9.073	9.730	9.156	6.923	4.839	3.384	4.122	7.228	9.080	9.672	9.201	16.547	
	TOTAL OBS	2766	2580	2857	2860	2952	2824	2817	2968	2817	2831	2849	2934	34055	
09-11	MEAN	33.2	37.3	43.5	54.6	63.0	70.2	72.8	71.6	66.1	56.9	44.5	36.8	54.4	
	S.D.	10.879	9.349	9.793	8.557	6.685	4.795	3.227	3.759	6.757	8.387	9.229	9.292	16.067	
	TOTAL OBS	2766	2585	2871	2862	2957	2827	2826	2971	2813	2842	2862	2952	34134	
12-14	MEAN	38.3	41.9	47.4	57.2	64.9	71.6	73.8	72.7	67.8	59.8	48.4	41.7	57.3	
	S.D.	11.111	9.638	9.682	8.104	6.511	4.598	3.022	3.530	6.352	8.053	9.030	9.352	14.799	
	TOTAL OBS	2773	2586	2868	2862	2959	2827	2830	2966	2817	2832	2864	2957	34141	
15-17	MEAN	39.3	43.2	48.5	57.8	65.2	71.8	73.6	72.4	67.6	59.8	48.7	42.3	57.7	
	S.D.	11.112	9.531	9.334	7.825	6.256	4.369	2.931	3.436	6.000	7.769	8.791	9.311	14.329	
	TOTAL OBS	2776	2584	2870	2863	2958	2832	2835	2970	2817	2839	2867	2967	34178	
18-20	MEAN	35.8	40.2	46.0	55.7	63.6	70.4	72.5	70.9	65.7	57.1	45.3	38.6	55.3	
	S.D.	10.920	9.273	9.387	8.065	6.329	4.274	3.022	3.557	6.167	8.108	8.871	8.841	15.012	
	TOTAL OBS	2767	2582	2864	2814	2968	2834	2821	2970	2808	2839	2855	2944	34066	
21-23	MEAN	33.2	37.2	43.0	53.2	61.4	68.6	70.8	69.3	63.7	54.8	42.7	36.0	53.0	
	S.D.	10.838	9.168	9.590	8.642	6.586	4.395	3.106	3.817	6.598	8.491	9.096	8.871	15.449	
	TOTAL OBS	2757	2580	2867	2813	2958	2830	2799	2939	2811	2841	2851	2939	33995	
ALL HOURS	MEAN	33.8	37.7	43.3	53.7	61.9	69.1	71.4	70.0	64.6	55.7	43.8	36.9	53.6	
	S.D.	11.446	9.953	10.243	9.086	7.127	5.041	3.690	4.275	7.040	8.997	9.784	9.734	15.738	
	TOTAL OBS	22135	20668	22931	22710	23676	22634	22452	23585	22505	22692	22852	23571	272411	

DATA PROCESSING BRANCH  
ISAF ETAC  
AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13945 FORT SILL OKLAHOMA/POST FLD 39-42,44-72

STATION		STATION NAME												YEARS	
HRS (L.S.T.)		JAN	FEB	MAR.	APR.	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00-02	MEAN	26.4	29.9	34.4	46.4	56.3	64.1	65.8	64.2	58.6	49.1	36.4	29.5	46.9	
	S D	12.842	10.993	11.746	11.390	8.090	4.993	4.527	5.531	8.220	10.780	11.327	10.620	17.229	
	TOTAL OBS	2761	2585	2862	2817	2938	2831	2735	2870	2813	2835	2851	2937	33855	
03-05	MEAN	25.6	29.0	33.8	45.6	55.6	63.6	65.7	64.1	58.3	48.3	35.7	28.7	46.3	
	S D	12.732	10.961	11.595	11.472	8.103	5.076	4.258	5.170	8.351	10.884	11.454	10.828	17.421	
	TOTAL OBS	2760	2586	2872	2819	2966	2828	2789	2931	2809	2833	2853	2940	33986	
06-08	MEAN	24.8	28.3	33.6	45.7	56.4	64.5	66.6	64.8	58.6	48.2	35.3	28.0	46.4	
	S D	12.745	10.843	11.613	11.542	8.164	5.221	4.208	5.091	8.604	11.036	11.569	11.094	17.937	
	TOTAL OBS	2766	2580	2857	2860	2952	2824	2816	2968	2817	2831	2849	2935	34055	
09-11	MEAN	27.0	30.4	35.3	47.0	57.5	65.2	67.1	65.4	59.9	49.9	37.1	30.3	47.9	
	S D	12.918	11.247	12.029	11.921	8.833	5.450	4.434	5.299	8.878	11.476	12.050	11.368	17.663	
	TOTAL OBS	2766	2585	2871	2862	2957	2827	2826	2971	2813	2842	2862	2952	34134	
12-14	MEAN	26.9	31.8	35.8	47.1	57.2	64.8	66.0	63.9	59.1	49.9	37.7	32.0	48.0	
	S D	13.102	11.492	12.128	12.054	9.067	5.664	4.865	5.853	9.088	11.725	12.312	11.553	16.991	
	TOTAL OBS	2773	2586	2869	2862	2	2827	2831	2966	2816	2831	2864	2957	34141	
15-17	MEAN	28.9	31.9	35.5	46.6	56.	64.3	64.9	62.7	58.0	49.3	37.5	32.3	47.5	
	S D	13.087	11.631	11.931	12.095	9.049	5.732	5.150	6.225	9.038	11.489	11.889	11.365	16.645	
	TOTAL OBS	2775	2584	2870	2863	2958	2832	2833	2969	2817	2839	2867	2967	34174	
18-20	MEAN	28.1	31.5	35.6	46.8	57.0	64.3	65.2	63.0	58.3	49.7	37.5	31.4	47.5	
	S D	12.912	11.320	11.860	11.777	8.720	5.434	5.125	6.185	8.659	11.090	11.537	10.740	16.718	
	TOTAL OBS	2767	2582	2864	2814	2968	2834	2821	2968	2808	2839	2855	2943	34063	
21-23	MEAN	27.2	30.8	35.3	47.0	57.3	64.6	65.9	63.9	58.5	49.5	36.8	30.3	47.4	
	S D	12.911	11.139	11.841	11.375	8.041	5.061	4.792	5.794	8.504	10.672	11.383	10.742	17.063	
	TOTAL OBS	2767	2580	2867	2813	2958	2830	2799	2937	2811	2841	2851	2939	33993	
ALL HOURS	MEAN	27.1	30.5	34.9	46.5	56.8	64.4	65.9	64.0	58.7	49.3	36.7	30.3	47.2	
	S D	12.979	11.272	11.871	11.719	8.537	5.354	4.729	5.718	8.589	11.190	11.723	11.139	17.223	
	TOTAL OBS	22135	20668	22932	22710	23676	22633	22450	23580	22504	22691	22852	23570	272401	

USAF ETAC FORM 0-89-5 (OL 1)

DATA PROCESSING  
ETAC/USAF  
AIP EARTH OBSERVATION

# RELATIVE HUMIDITY

12945  
STATION

F T SILL KIL J A/PTST FL  
STATION NAME

39-42,44-72  
PERIOD

L L L  
MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JA	L L L	100.0	99.4	96.0	89.7	80.0	65.6	46.7	31.1	14.6	68.1	22132
FE		100.0	94.9	94.2	85.4	73.7	59.4	43.6	28.5	13.9	65.3	20662
MA		100.0	97.1	88.3	77.4	64.2	49.5	34.7	20.7	8.6	59.7	22924
APR		100.0	97.6	90.4	80.2	67.0	52.6	37.6	23.3	9.6	61.5	22706
MAY		100.0	99.2	96.1	88.5	75.6	62.1	46.2	29.3	10.7	66.6	23669
JUN		100.0	99.9	97.9	89.7	75.6	58.1	40.8	23.5	6.9	64.8	22530
JUL		100.0	99.6	94.0	80.7	64.5	47.5	31.9	18.1	5.3	59.0	22448
AUG		100.0	99.7	91.5	77.1	61.0	45.3	30.7	16.8	3.6	58.7	23577
SEP		100.0	98.7	92.6	81.7	67.2	52.8	37.7	22.5	6.3	61.5	22500
OCT		100.0	98.4	92.5	82.7	70.1	56.3	41.4	26.7	11.6	63.7	22590
NOV		100.0	99.2	94.2	84.7	72.1	57.8	41.7	25.5	11.2	64.3	22846
DEC		100.0	99.6	96.3	89.1	78.1	64.1	47.6	30.5	13.9	67.5	23566
TOTALS		100.0	98.9	93.7	83.9	70.8	55.9	40.2	24.7	9.7	63.4	272354

USAFETAC

FORM  
JUL 64

0-87-5 (OL A)

## RELATIVE HUMIDITY

JA  
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	99.9	99.3	93.3	87.7	61.9	39.2	18.4	74.6	2761
	03-05	100.0	100.0	99.9	99.9	95.9	85.6	63.1	44.9	21.5	77.2	2750
	06-08	100.0	100.0	99.9	99.5	96.8	88.6	71.1	48.4	23.2	78.4	2766
	09-11	100.0	100.0	99.0	94.4	84.3	67.2	47.6	31.7	15.4	69.6	2766
	12-14	100.0	98.7	90.4	75.9	58.2	41.2	27.9	17.2	7.9	57.3	2773
	15-17	100.0	97.0	84.0	68.4	52.7	36.8	24.8	14.0	6.4	53.9	2775
	18-20	100.0	99.3	96.0	86.3	72.5	54.3	36.9	22.7	9.5	63.3	2765
	21-23	100.0	100.0	99.2	95.9	85.9	70.5	51.3	31.7	14.3	70.4	2767
TOTALS		100.0	99.4	96.0	89.7	80.0	65.6	48.7	31.1	14.6	68.1	22132



DATA PROCESSING OF  
ETAC/USAF  
AIR WEATHER SERVICE/AC

# RELATIVE HUMIDITY

13945  
STATION

F RT BILL KLAIPEDA/POST FL  
STATION NAME

40-42,45-72  
PERIOD

FEB  
MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	99.9	99.4	97.5	89.9	75.1	55.3	35.6	18.3	72.7	2583
	03-05	100.0	100.0	99.8	98.5	93.7	83.2	64.2	42.9	21.5	76.0	2584
	06-08	100.0	100.0	99.9	98.5	95.3	85.8	68.1	46.2	21.9	77.1	2580
	09-11	100.0	99.8	97.5	90.2	76.6	59.7	40.9	26.8	13.7	66.2	2583
	12-14	100.0	97.4	87.0	68.0	49.9	34.7	23.7	15.9	7.8	54.0	2586
	15-17	100.0	95.5	76.8	58.6	41.8	30.1	21.6	14.2	6.1	50.2	2584
	18-20	100.0	98.9	92.4	79.2	61.5	44.3	30.5	18.4	8.9	58.9	2582
	21-23	100.0	99.7	98.8	93.7	80.4	62.6	44.1	28.1	13.2	67.6	2587
TOTALS		100.0	98.9	94.2	85.4	73.7	59.4	43.6	28.5	13.9	65.3	20662

DATA PROCESSING OF  
ETAC/USAF  
AIR WEATHER STATION / AC

## RELATIVE HUMIDITY

13945 FORT SILL OKLAHOMA/POST FLD  
STATION

40-42, 45-72  
PERIOD

VAC  
MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	99.8	98.0	93.0	81.1	64.5	45.8	27.1	10.9	67.6	2861
	03-05	100.0	100.0	99.2	96.5	89.2	74.7	55.8	33.8	14.1	72.0	2872
	06-08	100.0	100.0	99.2	97.0	91.2	76.7	57.6	36.1	15.4	73.0	2857
	09-11	100.0	98.9	92.5	80.6	64.5	47.1	31.2	17.6	7.6	59.6	2871
	12-14	99.9	93.7	76.2	56.7	40.0	26.5	17.1	10.5	4.5	48.0	2868
	15-17	99.7	89.5	66.6	47.2	32.1	22.7	14.4	8.2	3.5	43.9	2870
	18-20	100.0	95.6	82.5	64.9	47.7	33.4	21.5	12.3	5.2	52.0	2863
	21-23	100.0	99.0	95.4	84.8	67.8	50.5	33.9	19.7	7.8	61.5	2866
TOTALS		100.0	97.1	88.6	77.6	64.2	49.5	34.7	20.7	8.6	59.7	22928

## RELATIVE HUMIDITY

APR  
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	99.6	98.9	96.2	87.0	72.9	52.9	32.3	14.2	71.0	2815
	03-05	100.0	99.9	99.6	97.3	92.5	80.1	63.9	42.1	18.9	75.2	2819
	06-08	100.0	100.0	99.3	96.2	89.1	78.2	61.1	40.5	17.9	74.0	2959
	09-11	100.0	96.8	92.3	79.8	63.7	46.4	30.0	17.3	5.4	58.9	2862
	12-14	100.0	94.7	78.5	59.9	42.1	26.9	16.1	9.3	3.2	48.6	2862
	15-17	99.9	91.6	71.6	52.9	35.4	23.7	15.6	8.8	2.4	45.9	2863
	18-20	100.0	96.7	86.2	69.2	51.1	35.7	23.5	14.0	4.6	53.7	2814
	21-23	100.0	99.5	97.1	90.1	75.0	57.1	37.5	23.9	8.7	64.6	2812
TOTALS		100.0	97.6	90.4	80.2	67.0	52.6	37.6	23.5	9.6	51.5	22706

DATA PROCESSING  
ETAC/USAF  
AIR WEATHER SERVICE/AD

# RELATIVE HUMIDITY

13945 FORT SILL KLANHIA/POST FLD  
STATION STATION NAME

39-42,45-72  
PERIOD

MAY  
MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	99.9	99.7	98.9	95.6	87.3	70.4	46.7	17.5	77.2	2957
	03-05	100.0	100.0	99.9	99.5	98.3	94.5	82.9	61.5	26.0	82.1	2966
	06-08	100.0	100.0	99.7	99.1	96.8	90.4	75.9	52.4	18.2	79.0	2951
	09-11	100.0	99.6	97.3	90.1	75.1	54.8	33.1	16.7	4.8	62.7	2956
	12-14	100.0	98.4	90.9	73.6	51.0	28.9	15.9	9.0	2.8	52.6	2958
	15-17	100.0	97.0	87.3	66.7	42.7	25.0	13.9	7.0	2.6	49.8	2957
	18-20	100.0	98.6	94.5	83.2	63.8	42.1	25.2	12.6	4.5	58.1	2962
	21-23	100.0	99.9	99.3	96.7	89.8	73.8	52.6	29.4	9.4	70.8	2956
TOTALS		100.0	99.2	96.1	88.5	76.6	62.1	46.2	29.3	10.7	66.5	23669

DATA PROCESSING  
ETAC/USAF  
AIR WEATHER SERVICE AC

# RELATIVE HUMIDITY

13945  
STATION

F T SILL OKLAHOMA/POST FLD  
STATION NAME

39-42,45-72  
PERIOD

JUL  
MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	99.5	96.9	86.3	67.7	39.6	11.5	75.7	2431
	03-05	100.0	100.0	100.0	99.9	98.9	94.8	83.1	57.7	20.2	81.2	2927
	06-08	100.0	100.0	100.0	99.9	96.9	91.0	74.5	45.6	12.4	77.7	2824
	09-11	100.0	100.0	99.4	94.3	74.1	50.6	25.6	9.7	2.3	61.4	2827
	12-14	100.0	99.7	95.8	77.1	47.0	22.6	8.6	4.1	1.3	51.2	2827
	15-17	100.0	99.5	91.7	67.2	37.4	15.5	6.6	3.1	1.1	47.7	2832
	18-20	100.0	99.9	96.3	82.7	59.1	33.7	15.6	6.8	1.8	55.1	2833
	21-23	100.0	100.0	99.9	97.3	88.4	70.1	44.9	21.2	4.9	68.2	2829
TOTALS		100.0	99.9	97.9	89.7	75.6	58.1	40.3	23.5	0.9	64.9	22630

DATA PROCESSING  
ETAC/USAF  
AIR WEATHER SERVICE/AC

# RELATIVE HUMIDITY

13945  
STATION

F RT SILL CALA-UMA/POST FLD  
STATION NAME

39-41,45-72  
PERIOD

JUL  
MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	99.0	89.3	70.2	51.2	29.9	9.5	70.5	2734
	03-05	100.0	100.0	100.0	99.6	86.8	65.5	48.1	44.9	14.8	76.2	2789
	06-08	100.0	100.0	100.0	99.1	85.3	62.5	42.0	36.0	9.7	74.1	2816
	09-11	100.0	99.9	97.0	86.2	61.9	36.3	17.6	7.7	2.0	56.4	2826
	12-14	100.0	99.3	86.4	59.3	30.6	14.9	6.3	2.2	1.1	45.5	2830
	15-17	100.0	98.2	78.7	46.9	25.3	12.2	5.4	2.6	.5	42.6	2833
	18-20	100.0	99.5	90.1	65.8	43.2	25.4	12.0	4.9	1.0	49.7	2821
	21-23	100.0	100.0	99.4	91.6	73.1	52.2	32.5	15.9	3.9	62.5	2799
TOTALS		100.0	99.6	94.0	80.7	64.5	47.5	31.9	13.1	5.3	59.2	22448



DATA PROCESSING  
ETAC/USAF  
AIR WEATHER SERVICE/AC

# RELATIVE HUMIDITY

13945 F. PT SILL KLMOMA/POST FL.  
STATION STATION NAME

39-41,44-72  
PERIOD

AUG  
MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	99.7	96.8	85.5	69.0	48.4	26.2	5.2	68.8	2869
	03-05	100.0	100.0	100.0	99.7	95.3	84.6	66.4	42.3	11.3	75.5	2931
	06-08	100.0	100.0	99.9	99.0	94.2	81.3	61.3	35.5	7.9	73.5	2967
	09-11	100.0	99.6	96.0	81.2	57.7	34.0	17.0	7.0	1.2	54.9	2971
	12-14	99.9	97.7	80.8	49.3	25.9	12.8	5.0	2.0	.5	43.0	2965
	15-17	99.9	96.0	70.5	40.3	19.8	10.2	5.5	2.9	.6	40.1	2970
	18-20	99.9	96.3	86.7	62.2	39.1	22.4	11.5	4.8	.9	48.1	2968
	21-23	100.0	100.0	96.2	82.6	69.8	48.3	29.4	13.6	1.5	60.4	2936
TOTALS		100.0	99.0	91.5	77.1	61.0	45.3	30.7	16.8	3.0	58.0	23577

DATA PROCESSED BY  
ETAC/USAF  
AIR WEATHER SERVICE/AL

# RELATIVE HUMIDITY

12945  
STATION

F FT SILL OKLAHOMA/POST FLT  
STATION NAME

39-41,44-72  
PERIOD

SEP  
MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	99.6	96.4	88.6	76.1	56.0	32.1	8.4	71.3	2813
	03-05	100.0	100.0	100.0	98.9	94.8	86.8	71.1	46.5	14.0	76.9	2809
	06-08	100.0	100.0	99.8	98.3	94.1	84.9	69.8	46.1	12.3	76.3	2917
	09-11	100.0	99.3	94.2	83.8	65.7	45.3	27.2	13.8	3.8	58.8	2812
	12-14	99.5	96.6	82.6	60.3	35.8	20.2	11.4	5.7	1.5	47.0	2817
	15-17	99.8	94.9	76.9	52.0	28.9	17.1	10.5	5.5	1.0	44.1	2915
	18-20	100.0	98.6	90.0	73.7	51.8	32.7	18.7	10.2	3.1	53.5	2807
	21-23	100.0	99.8	97.6	90.5	78.0	59.0	37.2	20.0	5.3	64.4	2810
TOTALS		100.0	98.7	92.6	81.7	67.2	52.8	37.7	22.5	6.3	61.5	22500

DATA PROCESSING  
ETAC/USAF  
AIR WEATHER SERVICE

## RELATIVE HUMIDITY

13945  
STATION

FLY BILL OKLAHOMA/POST FLN  
STATION NAME

39-41,44-72  
PERIOD

SEPT  
MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEPT	00-02	100.0	100.0	99.5	97.1	90.2	78.3	58.8	37.2	16.8	73.7	2355
	03-05	100.0	100.0	99.8	97.2	94.0	85.7	69.9	49.2	23.6	73.0	2332
	06-08	100.0	99.9	99.6	97.1	93.6	85.3	70.4	50.2	22.7	77.9	2931
	09-11	100.0	99.3	93.6	82.8	65.5	47.9	31.7	17.2	6.4	60.0	2842
	12-14	99.9	95.8	80.6	59.1	39.3	24.2	14.6	3.2	3.5	48.1	2852
	15-17	99.9	93.9	75.8	51.8	34.3	21.7	13.5	7.9	3.8	46.0	2938
	18-20	100.0	98.7	92.5	79.8	62.1	42.3	26.7	15.1	5.2	57.9	2339
	21-23	100.0	99.9	98.3	93.1	81.6	65.3	45.2	28.4	11.1	67.9	2841
TOTALS		100.0	98.4	92.5	82.7	70.1	56.3	41.4	26.7	11.6	63.7	22690

## RELATIVE HUMIDITY

NOV  
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	01-02	100.0	100.0	99.6	97.6	90.6	78.3	58.3	35.2	14.2	73.1	2849
	03-05	100.0	100.0	99.8	98.1	93.7	83.8	67.0	43.6	20.0	76.3	2850
	06-08	100.0	99.7	99.8	98.6	94.9	85.5	68.9	44.8	21.1	77.1	2849
	09-11	100.0	99.7	96.3	85.4	70.3	50.6	33.0	13.7	6.4	61.9	2852
	12-14	99.9	97.3	83.0	62.2	39.9	25.7	16.3	9.2	4.0	49.4	2854
	15-17	99.9	96.2	80.0	57.1	36.1	24.5	15.2	9.2	3.9	40.1	2857
	18-20	100.0	99.2	95.9	83.7	65.7	47.0	29.5	15.4	6.7	60.1	2855
	21-23	100.0	100.0	99.5	94.4	83.5	66.9	45.6	27.1	10.8	68.5	2850
TOTALS		100.0	99.2	94.2	84.7	72.1	57.8	41.7	23.5	11.2	64.3	22846

DATA PROCESSING  
ETAC/USAF  
AIR WEATHER SERVICE

# RELATIVE HUMIDITY

13945 FORT SILL OKLAHOMA/POST FL

39-41,44-72

12C

STATION

STATION NAME

PERIOD

MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	01-02	100.0	100.0	99.6	97.6	90.9	79.0	60.1	40.2	18.3	74.1	2936
	03-05	100.0	100.0	99.9	98.4	94.2	83.8	66.6	45.3	21.4	76.5	2940
	06-08	100.0	100.0	99.7	98.8	94.4	86.0	69.0	46.5	22.0	77.4	2933
	09-11	100.0	99.3	98.0	92.0	80.2	63.1	45.2	27.3	13.0	67.5	2952
	12-14	100.0	98.7	89.3	72.1	53.2	37.5	24.9	15.3	7.0	55.4	2956
	15-17	100.0	98.4	87.0	69.7	50.4	35.9	23.6	1	5.5	54.0	2967
	18-20	100.0	99.9	97.6	88.6	74.4	56.3	38.0	21.	5.3	64.2	2943
	21-23	100.0	99.8	99.1	95.6	87.0	71.5	52.8	32.2	12.6	70.6	2939
TOTALS		100.0	99.6	96.3	89.1	78.1	64.1	47.6	31.5	13.9	67.5	23566

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART F

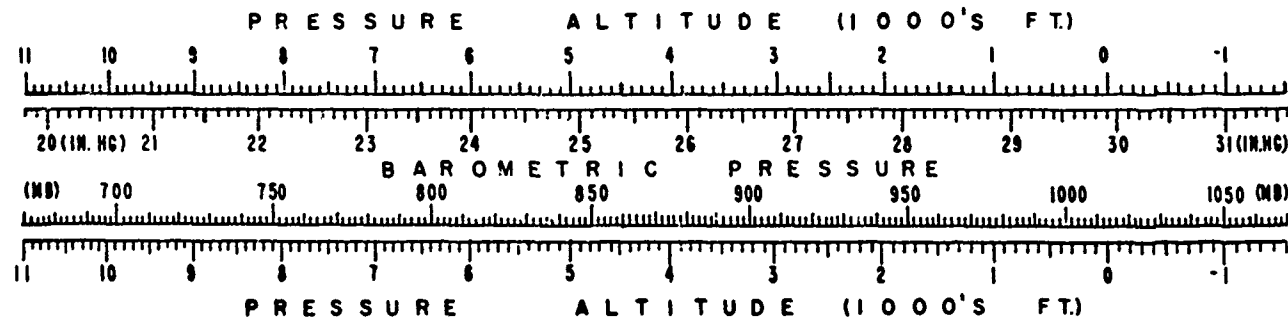
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.  
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.  
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.





DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

13945 FORT SILL OKLAHOMA/POST FLD 46-63,65-72

STATION		STATION NAME												YEARS	
HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
00	MEAN	28.834	28.788	28.711	28.667	28.661	28.647	28.706	28.710	28.728	28.763	28.801	28.818	28.737	
	S.D.	.233	.215	.227	.201	.152	.117	.088	.088	.126	.165	.220	.222	.190	
	TOTAL OBS	770	701	765	743	773	732	727	771	777	774	778	800	9111	
03	MEAN	28.830	28.783	28.703	28.660	28.654	28.642	28.701	28.709	28.728	28.761	28.797	28.812	28.733	
	S.D.	.237	.217	.228	.204	.150	.116	.090	.088	.126	.167	.221	.224	.191	
	TOTAL OBS	769	701	772	743	774	734	725	774	775	775	779	803	9124	
06	MEAN	28.826	28.790	28.719	28.679	28.676	28.665	28.726	28.729	28.746	28.776	28.805	28.809	28.746	
	S.D.	.237	.218	.225	.201	.149	.116	.086	.087	.127	.168	.225	.224	.188	
	TOTAL OBS	771	697	757	743	768	731	752	804	779	772	777	799	9150	
09	MEAN	28.863	28.824	28.754	28.712	28.703	28.691	28.752	28.754	28.774	28.810	28.840	28.842	28.777	
	S.D.	.239	.220	.232	.205	.150	.116	.086	.088	.128	.171	.226	.226	.191	
	TOTAL OBS	771	699	772	741	770	734	756	804	776	774	779	802	9178	
12	MEAN	28.855	28.817	28.739	28.694	28.687	28.674	28.732	28.735	28.755	28.788	28.821	28.831	28.761	
	S.D.	.241	.221	.231	.204	.150	.114	.086	.089	.128	.170	.227	.229	.192	
	TOTAL OBS	772	699	770	742	769	733	756	802	778	774	779	803	9177	
15	MEAN	28.795	28.752	28.675	28.640	28.640	28.630	28.687	28.683	28.698	28.730	28.765	28.774	28.706	
	S.D.	.232	.217	.227	.202	.151	.115	.087	.089	.127	.168	.220	.228	.188	
	TOTAL OBS	769	699	770	742	770	733	757	804	780	770	776	803	9173	
18	MEAN	28.803	28.751	28.661	28.619	28.609	28.594	28.653	28.653	28.681	28.725	28.773	28.793	28.692	
	S.D.	.229	.215	.224	.203	.149	.116	.068	.091	.128	.166	.216	.223	.191	
	TOTAL OBS	770	696	764	739	771	737	753	803	776	772	772	795	9148	
21	MEAN	28.827	28.778	28.694	28.654	28.640	28.621	28.679	28.687	28.716	28.753	28.799	28.808	28.722	
	S.D.	.232	.215	.224	.200	.148	.116	.090	.091	.128	.166	.216	.221	.190	
	TOTAL OBS	770	701	770	739	771	733	756	805	778	774	776	798	9171	
ALL HOURS	MEAN	28.829	28.785	28.707	28.666	28.659	28.645	28.705	28.707	28.728	28.763	28.800	28.810	28.734	
	S.D.	.236	.219	.229	.204	.152	.119	.093	.094	.130	.170	.222	.225	.192	
	TOTAL OBS	6162	5593	6140	5932	6166	5867	5982	6367	6219	6185	6216	6403	73232	

USAF ETAC FORM 0-89-5 (OL1)

DATA PROCESSING BRANCH  
JSAF ETAC  
AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

13945

FORT SILL OKLAHOMA/POST FLD

39-42,44-72

STATION		STATION NAME												YEARS	
HRS (L ST.)		JAN.	FEB	MAR.	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC.	ANNUAL	
00	MEAN	1020.3	1018.0	1015.0	1012.8	1012.3	1011.4	1013.3	1013.3	1014.4	1016.4	1018.4	1019.2	1015.4	
	S.D.	8.348	7.784	8.333	7.358	5.556	4.319	3.142	3.278	4.578	5.983	7.975	8.139	7.136	
	TOTAL OBS	954	871	950	941	985	942	912	955	956	960	956	988	11370	
03	MEAN	1020.1	1017.8	1014.7	1012.5	1012.1	1011.2	1013.2	1013.3	1014.4	1016.4	1018.2	1018.9	1015.2	
	S.D.	8.700	7.872	8.365	7.375	5.475	4.300	3.086	3.264	4.574	6.050	8.039	8.231	7.171	
	TOTAL OBS	954	872	958	941	990	944	911	959	953	960	957	988	11387	
06	MEAN	1020.1	1018.1	1015.4	1013.3	1012.9	1012.1	1014.1	1014.1	1015.1	1017.1	1018.7	1019.0	1015.8	
	S.D.	8.700	7.907	8.282	7.381	5.455	4.243	3.068	3.241	4.568	6.104	8.113	8.272	7.053	
	TOTAL OBS	956	869	942	954	982	941	938	989	959	957	955	985	11427	
09	MEAN	1021.4	1019.4	1016.7	1014.5	1013.8	1013.0	1015.0	1015.0	1016.2	1018.3	1020.0	1020.3	1016.9	
	S.D.	8.822	8.046	8.464	7.498	5.467	4.268	3.068	3.275	4.632	6.179	8.126	8.279	7.178	
	TOTAL OBS	957	870	958	951	987	944	942	990	956	960	957	986	11458	
12	MEAN	1020.9	1018.9	1016.0	1013.8	1013.2	1012.3	1014.2	1014.2	1015.3	1017.3	1019.1	1019.6	1016.2	
	S.D.	8.815	8.068	8.443	7.502	5.470	4.247	3.056	3.313	4.634	6.118	8.155	8.350	7.197	
	TOTAL OBS	958	869	953	955	985	943	942	988	956	959	959	988	11455	
15	MEAN	1018.8	1016.6	1013.7	1011.9	1011.5	1010.8	1012.6	1012.4	1013.4	1015.3	1017.1	1017.6	1014.3	
	S.D.	8.592	7.900	8.288	7.404	5.485	4.224	3.095	3.318	4.625	6.032	7.960	8.255	7.038	
	TOTAL OBS	955	869	954	954	988	943	943	990	960	956	956	990	11458	
18	MEAN	1019.2	1016.7	1013.3	1011.2	1010.5	1009.6	1011.5	1011.5	1012.9	1015.3	1017.5	1018.1	1013.9	
	S.D.	8.472	7.813	8.189	7.396	5.442	4.254	3.121	3.368	4.661	6.010	7.844	8.110	7.217	
	TOTAL OBS	956	867	951	937	988	945	938	988	954	957	952	979	11412	
21	MEAN	1020.2	1017.7	1014.6	1012.3	1011.7	1010.6	1012.5	1012.7	1014.1	1016.3	1018.5	1019.0	1015.0	
	S.D.	8.533	7.802	8.218	7.322	5.415	4.277	3.144	3.373	4.626	5.996	7.857	8.092	7.187	
	TOTAL OBS	955	870	955	937	987	943	942	990	956	960	955	984	11434	
ALL HOURS	MEAN	1020.1	1017.9	1014.9	1012.8	1012.3	1011.4	1013.3	1013.3	1014.5	1016.5	1018.4	1019.0	1015.4	
	S.D.	8.681	7.947	8.384	7.466	5.557	4.382	3.265	3.469	4.718	6.130	8.048	8.248	7.206	
	TOTAL OBS	7545	6957	7621	7570	7892	7545	7468	7849	7650	7669	7547	7888	91401	

USAF ETAC

FORM

0-89-5 (OL1)